

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019076.D
 Acq On : 15 Aug 2024 19:50
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 16 05:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.695	168	152300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	233756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	204423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	103374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	202554	132.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 265.360%#			
35) Dibromofluoromethane	7.616	113	217429	142.256	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 284.520%#			
50) Toluene-d8	10.103	98	780856	141.966	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 283.940%#			
62) 4-Bromofluorobenzene	12.402	95	271785	144.948	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 289.900%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	148333	132.748	ug/l	100
3) Chloromethane	2.062	50	239051	118.689	ug/l	99
4) Vinyl Chloride	2.196	62	297256	119.484	ug/l	99
5) Bromomethane	2.562	94	203746	145.411	ug/l	99
6) Chloroethane	2.714	64	189405	149.351	ug/l	99
7) Trichlorofluoromethane	3.043	101	475235	126.348	ug/l	95
8) Diethyl Ether	3.440	74	108701	133.889	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.799	101	213832	127.878	ug/l	98
10) Methyl Iodide	3.988	142	239325	146.018	ug/l	95
11) Tert butyl alcohol	4.848	59	87119	753.093	ug/l #	80
12) 1,1-Dichloroethene	3.775	96	203941	134.243	ug/l	97
13) Acrolein	3.635	56	80464	740.418	ug/l	99
14) Allyl chloride	4.366	41	279902	138.577	ug/l	92
15) Acrylonitrile	5.043	53	232128	698.766	ug/l	99
16) Acetone	3.854	43	187534	662.362	ug/l	89
17) Carbon Disulfide	4.086	76	579000	135.124	ug/l	98
18) Methyl Acetate	4.366	43	117485	135.203	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	534853	145.216	ug/l	97
20) Methylene Chloride	4.598	84	223901	147.221	ug/l	96
21) trans-1,2-Dichloroethene	5.092	96	227992	134.329	ug/l	97
22) Diisopropyl ether	6.006	45	643082	139.078	ug/l	96
23) Vinyl Acetate	5.945	43	2712972	741.086	ug/l	97
24) 1,1-Dichloroethane	5.903	63	374219	132.338	ug/l	98
25) 2-Butanone	6.878	43	312311	684.937	ug/l	91
26) 2,2-Dichloropropane	6.866	77	312468	136.457	ug/l	100
27) cis-1,2-Dichloroethene	6.872	96	276283	138.321	ug/l	99
28) Bromochloromethane	7.226	49	153305	129.242	ug/l	99
29) Tetrahydrofuran	7.244	42	202780	691.822	ug/l	94
30) Chloroform	7.402	83	425274	134.968	ug/l	98
31) Cyclohexane	7.683	56	300928	146.017	ug/l	98
32) 1,1,1-Trichloroethane	7.604	97	387346	139.882	ug/l	99
36) 1,1-Dichloropropene	7.823	75	291531	138.903	ug/l	99
37) Ethyl Acetate	6.970	43	142431	153.172	ug/l	98
38) Carbon Tetrachloride	7.805	117	351898	144.677	ug/l	100
39) Methylcyclohexane	9.097	83	378742	140.620	ug/l	97
40) Benzene	8.067	78	895989	139.195	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019076.D
 Acq On : 15 Aug 2024 19:50
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 05:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	67040m	139.430	ug/l	
42) 1,2-Dichloroethane	8.146	62	246305	141.697	ug/l	97
43) Isopropyl Acetate	8.183	43	277992	147.823	ug/l #	83
44) Trichloroethene	8.853	130	246280	137.120	ug/l	99
45) 1,2-Dichloropropane	9.134	63	199830	139.335	ug/l	99
46) Dibromomethane	9.219	93	134044	144.103	ug/l	99
47) Bromodichloromethane	9.414	83	329329	144.307	ug/l	98
48) Methyl methacrylate	9.213	41	133108	158.820	ug/l	88
49) 1,4-Dioxane	9.219	88	33063	2934.221	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	747067	748.465	ug/l	95
52) Toluene	10.164	92	604923	143.165	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	294368	155.494	ug/l	98
54) cis-1,3-Dichloropropene	9.847	75	336952	147.999	ug/l #	89
55) 1,1,2-Trichloroethane	10.566	97	173865	145.193	ug/l	97
56) Ethyl methacrylate	10.432	69	245714	156.766	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	277556	142.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	568743	764.886	ug/l	96
59) 2-Hexanone	10.755	43	536331	782.124	ug/l	92
60) Dibromochloromethane	10.908	129	243628	149.375	ug/l	99
61) 1,2-Dibromoethane	11.012	107	173497	149.902	ug/l	99
64) Tetrachloroethene	10.640	164	245327	137.299	ug/l	96
65) Chlorobenzene	11.438	112	667918	141.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	244749	147.855	ug/l	98
67) Ethyl Benzene	11.518	91	1218665	149.165	ug/l	98
68) m/p-Xylenes	11.627	106	969919	299.196	ug/l	99
69) o-Xylene	11.950	106	442508	147.403	ug/l	100
70) Styrene	11.969	104	755740	147.626	ug/l	97
71) Bromoform	12.133	173	146246	154.552	ug/l #	98
73) Isopropylbenzene	12.255	105	1140578	143.956	ug/l	100
74) N-amyl acetate	12.072	43	272730	157.858	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	192397	136.399	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	135383m	137.884	ug/l	
77) Bromobenzene	12.530	156	270284	142.045	ug/l	97
78) n-propylbenzene	12.597	91	1317217	139.070	ug/l	98
79) 2-Chlorotoluene	12.676	91	745586	140.408	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	910505	141.063	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	62454	151.297	ug/l	87
82) 4-Chlorotoluene	12.773	91	770274	139.426	ug/l	99
83) tert-Butylbenzene	12.999	119	839485	140.837	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	912240	141.806	ug/l	99
85) sec-Butylbenzene	13.176	105	1184859	136.405	ug/l	99
86) p-Isopropyltoluene	13.292	119	1011209	141.728	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	524755	139.839	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	506880	135.885	ug/l	99
89) n-Butylbenzene	13.615	91	903193	138.847	ug/l	99
90) Hexachloroethane	13.877	117	199647	141.965	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	455126	137.900	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30394	146.473	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	278119	149.428	ug/l	97
94) Hexachlorobutadiene	15.023	225	137395	141.724	ug/l	98
95) Naphthalene	15.145	128	550189	165.633	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	239960	152.861	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
Data File : VY019076.D
Acq On : 15 Aug 2024 19:50
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 05:00:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:48:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019076.D
 Acq On : 15 Aug 2024 19:50
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 16 05:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

