

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019071.D
 Acq On : 15 Aug 2024 17:24
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 04:55:45 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)

Internal Standards						
1) Pentafluorobenzene	7.695	168	110476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	187167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	158917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	73893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	6848	6.184	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.360%#		
35) Dibromofluoromethane	7.622	113	6753	5.518	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.040%#		
50) Toluene-d8	10.103	98	24147	5.483	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.960%#		
62) 4-Bromofluorobenzene	12.407	95	8401	5.596	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	11.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	4256	5.251	ug/l	99
3) Chloromethane	2.068	50	8902	6.093	ug/l	95
4) Vinyl Chloride	2.196	62	10752	5.958	ug/l	95
5) Bromomethane	2.592	94	9669	3.247	ug/l	97
6) Chloroethane	2.726	64	7615	5.948	ug/l	91
7) Trichlorofluoromethane	3.043	101	15243	5.587	ug/l	98
8) Diethyl Ether	3.446	74	3443	5.846	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.799	101	7032	5.797	ug/l	96
10) Methyl Iodide	3.988	142	5152	4.333	ug/l #	93
11) Tert butyl alcohol	4.829	59	4916	12.762	ug/l #	96
12) 1,1-Dichloroethene	3.775	96	6315	5.730	ug/l	96
13) Acrolein	3.634	56	3078	18.781	ug/l	99
14) Allyl chloride	4.372	41	8275	5.648	ug/l	94
15) Acrylonitrile	5.037	53	6580	27.306	ug/l	95
16) Acetone	3.860	43	6249	30.427	ug/l #	82
17) Carbon Disulfide	4.092	76	17643	5.676	ug/l	98
18) Methyl Acetate	4.372	43	3784	6.003	ug/l	90
19) Methyl tert-butyl Ether	5.092	73	14172	5.304	ug/l	97
20) Methylene Chloride	4.604	84	18729	5.603	ug/l	97
21) trans-1,2-Dichloroethene	5.092	96	6726	5.463	ug/l	91
22) Diisopropyl ether	5.994	45	18713	5.579	ug/l #	84
23) Vinyl Acetate	5.939	43	69947	26.341	ug/l	98
24) 1,1-Dichloroethane	5.896	63	12021	5.860	ug/l	98
25) 2-Butanone	6.878	43	10037	30.346	ug/l	97
26) 2,2-Dichloropropane	6.866	77	9537	5.742	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	8063	5.565	ug/l	91
28) Bromochloromethane	7.219	49	5242	6.092	ug/l #	100
29) Tetrahydrofuran	7.237	42	6144	28.897	ug/l #	87
30) Chloroform	7.402	83	12657	5.538	ug/l	95
31) Cyclohexane	7.689	56	11330	3.141	ug/l #	87
32) 1,1,1-Trichloroethane	7.603	97	11129	5.541	ug/l	98
36) 1,1-Dichloropropene	7.823	75	9086	5.407	ug/l	96
37) Ethyl Acetate	6.963	43	3469	4.659	ug/l	96
38) Carbon Tetrachloride	7.804	117	9665	4.963	ug/l	93
39) Methylcyclohexane	9.103	83	11201	5.194	ug/l	99
40) Benzene	8.067	78	27662	5.367	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019071.D
 Acq On : 15 Aug 2024 17:24
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 04:55:45 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	7.201	41	1903m	4.943	ug/l	
42) 1,2-Dichloroethane	8.146	62	7787	5.595	ug/l	98
43) Isopropyl Acetate	8.189	43	7460	4.954	ug/l #	80
44) Trichloroethene	8.853	130	7832	5.446	ug/l	93
45) 1,2-Dichloropropane	9.133	63	6337	5.518	ug/l	97
46) Dibromomethane	9.219	93	3864	5.188	ug/l	95
47) Bromodichloromethane	9.414	83	9412	5.151	ug/l	89
48) Methyl methacrylate	9.207	41	3182	4.742	ug/l #	87
49) 1,4-Dioxane	9.213	88	984	109.063	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	20015	25.044	ug/l	90
52) Toluene	10.164	92	17877	5.284	ug/l	94
53) t-1,3-Dichloropropene	10.389	75	7562	4.989	ug/l #	87
54) cis-1,3-Dichloropropene	9.847	75	9327	5.116	ug/l	95
55) 1,1,2-Trichloroethane	10.566	97	4868	5.077	ug/l	93
56) Ethyl methacrylate	10.438	69	5751	4.582	ug/l #	76
57) 1,3-Dichloropropane	10.712	76	8290	5.304	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	15016	25.221	ug/l	99
59) 2-Hexanone	10.761	43	12811	23.332	ug/l	95
60) Dibromochloromethane	10.901	129	6552	5.017	ug/l	97
61) 1,2-Dibromoethane	11.011	107	4651	5.019	ug/l	94
64) Tetrachloroethene	10.645	164	7429	5.348	ug/l	95
65) Chlorobenzene	11.444	112	19482	5.324	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	6814	5.295	ug/l	93
67) Ethyl Benzene	11.517	91	33018	5.199	ug/l	97
68) m/p-Xylenes	11.627	106	25348	10.058	ug/l	95
69) o-Xylene	11.950	106	11510	4.932	ug/l	100
70) Styrene	11.968	104	19672	4.943	ug/l	98
71) Bromoform	12.127	173	3656	4.970	ug/l #	94
73) Isopropylbenzene	12.255	105	29569	5.221	ug/l	100
74) N-amyl acetate	12.072	43	6335	5.130	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	6038	5.988	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	4341m	6.185	ug/l	
77) Bromobenzene	12.529	156	7303	5.369	ug/l	97
78) n-propylbenzene	12.596	91	36268	5.357	ug/l	99
79) 2-Chlorotoluene	12.682	91	20394	5.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	23712	5.139	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	1534	5.199	ug/l #	85
82) 4-Chlorotoluene	12.779	91	20986	5.314	ug/l	98
83) tert-Butylbenzene	12.999	119	21933	5.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	23152	5.035	ug/l	97
85) sec-Butylbenzene	13.175	105	32294	5.201	ug/l	99
86) p-Isopropyltoluene	13.291	119	24986	4.899	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	14490	5.402	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	14972	5.615	ug/l	97
89) n-Butylbenzene	13.614	91	23174	4.984	ug/l	99
90) Hexachloroethane	13.883	117	4937	4.911	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	12818	5.433	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	767	5.171	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	6606	4.965	ug/l	93
94) Hexachlorobutadiene	15.029	225	3754	5.417	ug/l	100
95) Naphthalene	15.145	128	10134	4.268	ug/l	95
96) 1,2,3-Trichlorobenzene	15.334	180	5464	4.869	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
Data File : VY019071.D
Acq On : 15 Aug 2024 17:24
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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

Quant Time: Aug 16 04:55:45 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

