

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020614.D
 Acq On : 17 Dec 2024 10:23
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 18 04:51:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	177160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	272612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	241222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131827	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	34492	17.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.560%#
35) Dibromofluoromethane	7.634	113	35742	18.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.200%#
50) Toluene-d8	10.103	98	122846	18.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	36.540%#
62) 4-Bromofluorobenzene	12.401	95	48801	18.552	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	37.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	44875	20.280	ug/l	99
3) Chloromethane	2.068	50	35845	21.863	ug/l	98
4) Vinyl Chloride	2.202	62	33253	21.791	ug/l	100
5) Bromomethane	2.586	94	19758	20.142	ug/l	100
6) Chloroethane	2.732	64	20312	21.539	ug/l	98
7) Trichlorofluoromethane	3.055	101	67594	21.169	ug/l	98
8) Diethyl Ether	3.452	74	23380	20.878	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.817	101	46696	20.403	ug/l	100
10) Methyl Iodide	4.000	142	52895	20.758	ug/l	97
11) Tert butyl alcohol	4.866	59	25807	106.274	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	45124	20.319	ug/l	99
13) Acrolein	3.653	56	11611	126.557	ug/l	94
14) Allyl chloride	4.384	41	79257	20.368	ug/l	99
15) Acrylonitrile	5.055	53	51118	95.416	ug/l	99
16) Acetone	3.866	43	38075	94.781	ug/l	99
17) Carbon Disulfide	4.104	76	147576	20.416	ug/l	100
18) Methyl Acetate	4.384	43	24886	18.851	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	112241	19.582	ug/l	96
20) Methylene Chloride	4.616	84	48431	20.076	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	49814	19.997	ug/l	97
22) Diisopropyl ether	6.018	45	158410	20.055	ug/l	97
23) Vinyl Acetate	5.963	43	441039	98.587	ug/l	100
24) 1,1-Dichloroethane	5.915	63	92599	20.011	ug/l	99
25) 2-Butanone	6.896	43	67498	93.608	ug/l	98
26) 2,2-Dichloropropane	6.884	77	86393	19.750	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	57749	20.149	ug/l	99
28) Bromochloromethane	7.244	49	24987	16.009	ug/l	98
29) Tetrahydrofuran	7.256	42	44636	98.059	ug/l	98
30) Chloroform	7.421	83	103806	19.065	ug/l	99
31) Cyclohexane	7.701	56	88339	19.966	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	86081	20.249	ug/l	99
36) 1,1-Dichloropropene	7.835	75	69466	19.828	ug/l	99
37) Ethyl Acetate	6.982	43	31585	19.166	ug/l	99
38) Carbon Tetrachloride	7.817	117	77945	20.109	ug/l	96
39) Methylcyclohexane	9.103	83	92458	20.249	ug/l	97
40) Benzene	8.079	78	207185	20.176	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020614.D
 Acq On : 17 Dec 2024 10:23
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 18 04:51:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	15884	18.232	ug/l	96
42) 1,2-Dichloroethane	8.158	62	54425	19.983	ug/l	99
43) Isopropyl Acetate	8.195	43	60446	19.375	ug/l #	88
44) Trichloroethene	8.865	130	50346	19.952	ug/l	100
45) 1,2-Dichloropropane	9.140	63	49119	20.466	ug/l	99
46) Dibromomethane	9.231	93	25054	19.753	ug/l	99
47) Bromodichloromethane	9.420	83	68951	20.125	ug/l	97
48) Methyl methacrylate	9.219	41	28256	19.051	ug/l	100
49) 1,4-Dioxane	9.225	88	5399	371.167	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	157955	95.918	ug/l	99
52) Toluene	10.170	92	129196	20.245	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	62391	19.543	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	75647	19.996	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	33330	19.875	ug/l	97
56) Ethyl methacrylate	10.438	69	46055	18.930	ug/l	99
57) 1,3-Dichloropropane	10.713	76	59274	19.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	96023	93.804	ug/l	100
59) 2-Hexanone	10.755	43	99623	94.224	ug/l	100
60) Dibromochloromethane	10.908	129	43825	19.541	ug/l	98
61) 1,2-Dibromoethane	11.011	107	30621	19.630	ug/l	100
64) Tetrachloroethene	10.646	164	44735	19.716	ug/l	98
65) Chlorobenzene	11.438	112	134807	19.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	45146	19.574	ug/l	98
67) Ethyl Benzene	11.517	91	249208	20.027	ug/l	100
68) m/p-Xylenes	11.627	106	183488	39.659	ug/l	98
69) o-Xylene	11.950	106	86043	19.932	ug/l	98
70) Styrene	11.968	104	144333	20.012	ug/l	99
71) Bromoform	12.133	173	24718	19.062	ug/l #	99
73) Isopropylbenzene	12.255	105	234727	20.404	ug/l	100
74) N-amyl acetate	12.066	43	52699	19.574	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	36998	19.813	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	27440m	20.210	ug/l	
77) Bromobenzene	12.529	156	50276	20.063	ug/l	99
78) n-propylbenzene	12.596	91	284604	20.534	ug/l	100
79) 2-Chlorotoluene	12.676	91	158834	20.369	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	190968	20.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13039	19.986	ug/l	98
82) 4-Chlorotoluene	12.773	91	164692	20.358	ug/l	99
83) tert-Butylbenzene	12.999	119	173358	20.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	186344	20.352	ug/l	99
85) sec-Butylbenzene	13.176	105	251880	20.492	ug/l	100
86) p-Isopropyltoluene	13.291	119	208342	20.558	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	100815	20.380	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	97668	19.935	ug/l	99
89) n-Butylbenzene	13.615	91	196997	20.511	ug/l	99
90) Hexachloroethane	13.877	117	40281	20.057	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	85128	19.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5627	18.561	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	48869	18.850	ug/l	99
94) Hexachlorobutadiene	15.023	225	33524	19.781	ug/l	99
95) Naphthalene	15.145	128	80562	18.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	41686	19.031	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
Data File : VY020614.D
Acq On : 17 Dec 2024 10:23
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 04:51:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 04:39:18 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\VY121724\
Data File : VY020614.D
Acq On : 17 Dec 2024 10:23
Operator : SY/MD
Sample : VSTDIC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Quant Time: Dec 18 04:51:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 04:39:18 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

