

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
 Data File : VY020593.D
 Acq On : 12 Dec 2024 11:46
 Operator : SY/MD
 Sample : VY1212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 05:41:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	170926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	266083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	223037	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	110836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	89322	51.383	ug/l	-0.01
Spiked Amount 50.000	Range 50	- 163	Recovery	= 102.760%		
35) Dibromofluoromethane	7.640	113	88282	52.702	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	= 105.400%		
50) Toluene-d8	10.109	98	328645	51.523	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	= 103.040%		
62) 4-Bromofluorobenzene	12.407	95	115053	51.573	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	= 103.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	27626	16.569	ug/l	98
3) Chloromethane	2.068	50	29042	17.204	ug/l	97
4) Vinyl Chloride	2.208	62	31469	18.283	ug/l	95
5) Bromomethane	2.598	94	18250	18.071	ug/l	92
6) Chloroethane	2.738	64	20179	19.128	ug/l	99
7) Trichlorofluoromethane	3.062	101	58852	18.256	ug/l	98
8) Diethyl Ether	3.458	74	17834	19.526	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	37399	19.911	ug/l	96
10) Methyl Iodide	4.007	142	37539	17.803	ug/l	97
11) Tert butyl alcohol	4.866	59	13820	122.556	ug/l	99
12) 1,1-Dichloroethene	3.793	96	32399	18.260	ug/l	93
13) Acrolein	3.659	56	10462	99.092	ug/l	97
14) Allyl chloride	4.391	41	60930	19.254	ug/l	95
15) Acrylonitrile	5.061	53	42789	112.436	ug/l	98
16) Acetone	3.866	43	45792	105.942	ug/l	94
17) Carbon Disulfide	4.110	76	73326	14.439	ug/l	98
18) Methyl Acetate	4.384	43	20877	22.725	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	92420	20.396	ug/l	99
20) Methylene Chloride	4.616	84	37127	20.192	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	36294	18.416	ug/l	94
22) Diisopropyl ether	6.018	45	135806	21.581	ug/l	97
23) Vinyl Acetate	5.963	43	353315	106.149	ug/l	98
24) 1,1-Dichloroethane	5.921	63	76284	20.135	ug/l	99
25) 2-Butanone	6.896	43	62046	113.678	ug/l	99
26) 2,2-Dichloropropane	6.884	77	69312	19.343	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	45340	19.703	ug/l	99
28) Bromochloromethane	7.250	49	25980	18.363	ug/l	97
29) Tetrahydrofuran	7.268	42	35015	112.453	ug/l	100
30) Chloroform	7.427	83	79716	20.502	ug/l	97
31) Cyclohexane	7.701	56	60950	17.795	ug/l #	94
32) 1,1,1-Trichloroethane	7.622	97	73524	19.638	ug/l	97
36) 1,1-Dichloropropene	7.835	75	54560	19.287	ug/l	99
37) Ethyl Acetate	6.988	43	24879	22.200	ug/l	98
38) Carbon Tetrachloride	7.817	117	63809	18.900	ug/l	97
39) Methylcyclohexane	9.109	83	64450	18.361	ug/l	95
40) Benzene	8.085	78	165716	19.869	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	11759	18.457	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	44844	20.462	ug/l	99
43) Isopropyl Acetate	8.195	43	49887	22.044	ug/l #	88
44) Trichloroethene	8.865	130	40763	19.826	ug/l	99
45) 1,2-Dichloropropane	9.140	63	41098	21.057	ug/l	99
46) Dibromomethane	9.231	93	20093	20.793	ug/l	96
47) Bromodichloromethane	9.426	83	59821	21.011	ug/l	99
48) Methyl methacrylate	9.219	41	22678	21.490	ug/l	96
49) 1,4-Dioxane	9.225	88	4464	483.283	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	128524	115.001	ug/l	99
52) Toluene	10.170	92	105666	20.306	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	52420	20.508	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	63976	21.179	ug/l	91
55) 1,1,2-Trichloroethane	10.572	97	28425	22.051	ug/l	97
56) Ethyl methacrylate	10.438	69	38658	21.195	ug/l	95
57) 1,3-Dichloropropane	10.719	76	50502	21.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	89893	105.263	ug/l	99
59) 2-Hexanone	10.761	43	90933	112.787	ug/l	99
60) Dibromochloromethane	10.908	129	38220	21.296	ug/l	96
61) 1,2-Dibromoethane	11.011	107	25776	21.866	ug/l	98
64) Tetrachloroethene	10.646	164	36942	19.602	ug/l	95
65) Chlorobenzene	11.438	112	112301	20.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	40792	20.575	ug/l	98
67) Ethyl Benzene	11.517	91	210350	20.073	ug/l	99
68) m/p-Xylenes	11.627	106	153584	40.026	ug/l	99
69) o-Xylene	11.956	106	73385	20.414	ug/l	99
70) Styrene	11.969	104	122792	20.474	ug/l	100
71) Bromoform	12.133	173	21804	21.630	ug/l #	98
73) Isopropylbenzene	12.255	105	206945	19.297	ug/l	100
74) N-amyl acetate	12.072	43	43761	20.820	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	32484	21.063	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	25181m	22.302	ug/l	
77) Bromobenzene	12.529	156	43732	19.692	ug/l	99
78) n-propylbenzene	12.596	91	248039	19.535	ug/l	99
79) 2-Chlorotoluene	12.682	91	138964	19.396	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	167417	19.481	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11429	20.770	ug/l	93
82) 4-Chlorotoluene	12.779	91	145143	19.852	ug/l	100
83) tert-Butylbenzene	12.999	119	153871	19.804	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	167833	20.093	ug/l	99
85) sec-Butylbenzene	13.176	105	225752	20.274	ug/l	100
86) p-Isopropyltoluene	13.291	119	187355	20.361	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	88358	20.630	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	86733	20.686	ug/l	99
89) n-Butylbenzene	13.621	91	176381	20.668	ug/l	98
90) Hexachloroethane	13.883	117	37015	20.641	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	76028	20.932	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5260	22.530	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	44577	21.826	ug/l	99
94) Hexachlorobutadiene	15.029	225	30518	21.359	ug/l	99
95) Naphthalene	15.151	128	71808	21.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	37199	22.572	ug/l	99

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

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