

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020481.D
 Acq On : 02 Dec 2024 13:26
 Operator : SY/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBS01

Quant Time: Dec 02 14:50:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	152270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	235744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	194084	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	92222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	86134	55.620	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.240%			
35) Dibromofluoromethane	7.646	113	84104	56.669	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.340%			
50) Toluene-d8	10.115	98	324152	57.359	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.720%			
62) 4-Bromofluorobenzene	12.414	95	110327	55.819	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery = 111.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	25519	17.181	ug/l	99
3) Chloromethane	2.080	50	25645	17.053	ug/l	97
4) Vinyl Chloride	2.214	62	26702	17.414	ug/l	98
5) Bromomethane	2.611	94	16067	17.859	ug/l	96
6) Chloroethane	2.751	64	16932	18.017	ug/l	98
7) Trichlorofluoromethane	3.074	101	52711	18.355	ug/l	98
8) Diethyl Ether	3.470	74	14791	18.178	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.830	101	31597	18.883	ug/l	97
10) Methyl Iodide	4.025	142	32310	17.201	ug/l	93
11) Tert butyl alcohol	4.897	59	9418	93.751	ug/l	96
12) 1,1-Dichloroethene	3.806	96	28605	18.097	ug/l	91
13) Acrolein	3.665	56	11299	120.132	ug/l	99
14) Allyl chloride	4.397	41	51659	18.324	ug/l	93
15) Acrylonitrile	5.086	53	31084	91.687	ug/l	97
16) Acetone	3.879	43	31545	81.922	ug/l	98
17) Carbon Disulfide	4.129	76	72909	16.116	ug/l	97
18) Methyl Acetate	4.403	43	15310	18.707	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	74840	18.540	ug/l	100
20) Methylene Chloride	4.635	84	29596	18.068	ug/l	96
21) trans-1,2-Dichloroethene	5.135	96	31814	18.121	ug/l	93
22) Diisopropyl ether	6.037	45	107268	19.134	ug/l	99
23) Vinyl Acetate	5.976	43	271184	91.456	ug/l	98
24) 1,1-Dichloroethane	5.933	63	61873	18.333	ug/l	99
25) 2-Butanone	6.909	43	41585	85.525	ug/l	98
26) 2,2-Dichloropropane	6.896	77	58565	18.346	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	37835	18.456	ug/l	99
28) Bromochloromethane	7.262	49	21421	16.996	ug/l	93
29) Tetrahydrofuran	7.274	42	24781	89.337	ug/l	99
30) Chloroform	7.433	83	63354	18.290	ug/l	100
31) Cyclohexane	7.713	56	54315	17.801	ug/l #	89
32) 1,1,1-Trichloroethane	7.628	97	62490	18.736	ug/l	96
36) 1,1-Dichloropropene	7.848	75	46451	18.534	ug/l	98
37) Ethyl Acetate	7.000	43	18332	18.463	ug/l	98
38) Carbon Tetrachloride	7.835	117	56035	18.733	ug/l	96
39) Methylcyclohexane	9.116	83	57465	18.478	ug/l	95
40) Benzene	8.091	78	136212	18.433	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	10400	18.425	ug/l	95
42) 1,2-Dichloroethane	8.171	62	36515	18.806	ug/l	98
43) Isopropyl Acetate	8.207	43	36464	18.187	ug/l	95
44) Trichloroethene	8.872	130	34320	18.840	ug/l	93
45) 1,2-Dichloropropane	9.152	63	31844	18.416	ug/l	99
46) Dibromomethane	9.244	93	16067	18.766	ug/l	99
47) Bromodichloromethane	9.433	83	46738	18.529	ug/l	95
48) Methyl methacrylate	9.225	41	16950	18.129	ug/l	97
49) 1,4-Dioxane	9.244	88	3099	378.683	ug/l #	90
51) 4-Methyl-2-Pentanone	10.006	43	91018	91.923	ug/l	99
52) Toluene	10.182	92	87273	18.930	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	41445	18.301	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	49090	18.342	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	21933	19.204	ug/l	97
56) Ethyl methacrylate	10.445	69	29483	18.245	ug/l	94
57) 1,3-Dichloropropane	10.725	76	38609	18.879	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	70301	92.915	ug/l	99
59) 2-Hexanone	10.768	43	62386	87.338	ug/l	97
60) Dibromochloromethane	10.920	129	30000	18.867	ug/l	99
61) 1,2-Dibromoethane	11.024	107	19156	18.341	ug/l	98
64) Tetrachloroethene	10.658	164	31364	19.125	ug/l	89
65) Chlorobenzene	11.451	112	90716	18.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	31769	18.414	ug/l	100
67) Ethyl Benzene	11.530	91	171004	18.753	ug/l	99
68) m/p-Xylenes	11.640	106	125570	37.607	ug/l	100
69) o-Xylene	11.963	106	59199	18.925	ug/l	99
70) Styrene	11.975	104	97746	18.729	ug/l	98
71) Bromoform	12.139	173	16258	18.535	ug/l #	99
73) Isopropylbenzene	12.261	105	165529	18.551	ug/l	100
74) N-amyl acetate	12.078	43	30207	17.272	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	23012	17.933	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	19035m	20.262	ug/l	
77) Bromobenzene	12.542	156	33750	18.264	ug/l	96
78) n-propylbenzene	12.603	91	198539	18.793	ug/l	99
79) 2-Chlorotoluene	12.688	91	109452	18.360	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	134606	18.824	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	7853	17.152	ug/l	97
82) 4-Chlorotoluene	12.786	91	109491	17.998	ug/l	100
83) tert-Butylbenzene	13.005	119	120909	18.702	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	129286	18.602	ug/l	99
85) sec-Butylbenzene	13.182	105	176389	19.038	ug/l	100
86) p-Isopropyltoluene	13.298	119	146972	19.196	ug/l	100
87) 1,3-Dichlorobenzene	13.298	146	66666	18.707	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	65550	18.789	ug/l	98
89) n-Butylbenzene	13.627	91	133757	18.837	ug/l	99
90) Hexachloroethane	13.889	117	27672	18.546	ug/l	92
91) 1,2-Dichlorobenzene	13.664	146	56297	18.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3563	18.341	ug/l	93
93) 1,2,4-Trichlorobenzene	14.932	180	31223	18.373	ug/l	99
94) Hexachlorobutadiene	15.035	225	22472	18.902	ug/l	100
95) Naphthalene	15.157	128	49177	17.883	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	25312	18.459	ug/l	98

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

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