

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020503.D
 Acq On : 03 Dec 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 22:13:32 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	128467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	211029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	184393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	92467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	77962	59.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.340%			
35) Dibromofluoromethane	7.640	113	73840	55.580	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.160%			
50) Toluene-d8	10.109	98	274629	54.287	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.580%			
62) 4-Bromofluorobenzene	12.408	95	99984	56.511	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 113.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	71403	56.980	ug/l	99
3) Chloromethane	2.074	50	74405	58.643	ug/l	97
4) Vinyl Chloride	2.208	62	71939	55.610	ug/l	98
5) Bromomethane	2.604	94	45252	59.619	ug/l	98
6) Chloroethane	2.745	64	45476	57.356	ug/l	97
7) Trichlorofluoromethane	3.068	101	130727	53.956	ug/l	99
8) Diethyl Ether	3.464	74	42909	62.506	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.824	101	75404	53.413	ug/l	97
10) Methyl Iodide	4.013	142	95186	60.062	ug/l	94
11) Tert butyl alcohol	4.866	59	28156	332.210	ug/l	100
12) 1,1-Dichloroethene	3.799	96	74660	55.985	ug/l	98
13) Acrolein	3.659	56	19121	240.964	ug/l	95
14) Allyl chloride	4.391	41	136984	57.593	ug/l	96
15) Acrylonitrile	5.067	53	92634	323.863	ug/l	100
16) Acetone	3.879	43	84112	258.912	ug/l	98
17) Carbon Disulfide	4.116	76	231272	60.593	ug/l	98
18) Methyl Acetate	4.391	43	48583	70.361	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	217012	63.720	ug/l	97
20) Methylene Chloride	4.628	84	84123	60.872	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	86307	58.267	ug/l	99
22) Diisopropyl ether	6.025	45	285639	60.393	ug/l	98
23) Vinyl Acetate	5.970	43	775590	310.028	ug/l	99
24) 1,1-Dichloroethane	5.927	63	167013	58.654	ug/l	99
25) 2-Butanone	6.902	43	121118	295.250	ug/l	100
26) 2,2-Dichloropropane	6.890	77	130758	48.551	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	104268	60.285	ug/l	95
28) Bromochloromethane	7.256	49	66001	62.070	ug/l	92
29) Tetrahydrofuran	7.268	42	76946	328.792	ug/l	97
30) Chloroform	7.427	83	170942	58.494	ug/l	99
31) Cyclohexane	7.707	56	130325	50.627	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	153028	54.381	ug/l	98
36) 1,1-Dichloropropene	7.841	75	117212	52.245	ug/l	99
37) Ethyl Acetate	6.988	43	54511	61.330	ug/l	97
38) Carbon Tetrachloride	7.823	117	139842	52.226	ug/l	99
39) Methylcyclohexane	9.115	83	145338	52.206	ug/l	97
40) Benzene	8.085	78	367775	55.599	ug/l	98

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41) Methacrylonitrile	7.226	41	32321	63.967	ug/l	95
42) 1,2-Dichloroethane	8.164	62	104662	60.217	ug/l	99
43) Isopropyl Acetate	8.201	43	112084	62.450	ug/l	98
44) Trichloroethene	8.872	130	88743	54.421	ug/l	97
45) 1,2-Dichloropropane	9.146	63	86670	55.992	ug/l	97
46) Dibromomethane	9.237	93	46316	60.433	ug/l	98
47) Bromodichloromethane	9.426	83	128526	56.920	ug/l	99
48) Methyl methacrylate	9.225	41	51979	62.107	ug/l	96
49) 1,4-Dioxane	9.231	88	9422	1286.161	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	277704	313.312	ug/l	99
52) Toluene	10.176	92	228715	55.419	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	116757	57.595	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	138122	57.652	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	60283	58.965	ug/l	99
56) Ethyl methacrylate	10.438	69	90231	62.376	ug/l	95
57) 1,3-Dichloropropane	10.719	76	108836	59.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	185802	274.331	ug/l	96
59) 2-Hexanone	10.761	43	187176	292.727	ug/l	97
60) Dibromochloromethane	10.914	129	84614	59.447	ug/l	99
61) 1,2-Dibromoethane	11.018	107	56223	60.137	ug/l	99
64) Tetrachloroethene	10.652	164	84524	54.249	ug/l	96
65) Chlorobenzene	11.444	112	244737	52.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	86929	53.034	ug/l	98
67) Ethyl Benzene	11.524	91	442260	51.049	ug/l	98
68) m/p-Xylenes	11.627	106	325222	102.520	ug/l	98
69) o-Xylene	11.956	106	157835	53.109	ug/l	99
70) Styrene	11.975	104	265394	53.526	ug/l	99
71) Bromoform	12.133	173	48077	57.690	ug/l #	98
73) Isopropylbenzene	12.255	105	420634	47.016	ug/l	100
74) N-amyl acetate	12.072	43	95529	54.478	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	66436	51.637	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	45286m	48.077	ug/l	
77) Bromobenzene	12.536	156	91252	49.252	ug/l	97
78) n-propylbenzene	12.597	91	496070	46.832	ug/l	99
79) 2-Chlorotoluene	12.682	91	286462	47.926	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	342745	47.805	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	23007	50.116	ug/l	96
82) 4-Chlorotoluene	12.779	91	291822	47.843	ug/l	99
83) tert-Butylbenzene	12.999	119	302547	46.675	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	340952	48.927	ug/l	100
85) sec-Butylbenzene	13.182	105	439126	47.271	ug/l	100
86) p-Isopropyltoluene	13.298	119	369374	48.117	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	176751	49.466	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	175027	50.036	ug/l	100
89) n-Butylbenzene	13.621	91	340236	47.787	ug/l	99
90) Hexachloroethane	13.883	117	71243	47.621	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	154649	51.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10942	56.178	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	91359	53.618	ug/l	100
94) Hexachlorobutadiene	15.029	225	59171	49.640	ug/l	99
95) Naphthalene	15.151	128	159759	57.941	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	76563	55.688	ug/l	99

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

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