

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017112.D
 Acq On : 26 Jan 2024 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 29 04:13:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	130683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	185414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62678	49.227	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.460%		
35) Dibromofluoromethane	7.728	113	63611	48.541	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.080%		
50) Toluene-d8	10.191	98	248069	50.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.240%		
62) 4-Bromofluorobenzene	12.489	95	77780	51.011	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43901	45.911	ug/l	94
3) Chloromethane	2.119	50	85756	52.185	ug/l	98
4) Vinyl Chloride	2.253	62	107204	57.634	ug/l	98
5) Bromomethane	2.656	94	74935	53.542	ug/l	97
6) Chloroethane	2.802	64	70301	57.255	ug/l	100
7) Trichlorofluoromethane	3.131	101	111160	51.837	ug/l	99
8) Diethyl Ether	3.540	74	34354	45.626	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	67619	46.260	ug/l	99
10) Methyl Iodide	4.101	142	65283	47.011	ug/l	99
11) Tert butyl alcohol	4.960	59	22955	245.571	ug/l #	89
12) 1,1-Dichloroethene	3.881	96	62897	47.007	ug/l	96
13) Acrolein	3.735	56	33682	220.574	ug/l	98
14) Allyl chloride	4.491	41	97723	48.320	ug/l	99
15) Acrylonitrile	5.173	53	79979	244.746	ug/l	99
16) Acetone	3.954	43	80733	233.038	ug/l	98
17) Carbon Disulfide	4.204	76	184308	45.702	ug/l	100
18) Methyl Acetate	4.491	43	67859	51.953	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	157721	48.304	ug/l	99
20) Methylene Chloride	4.728	84	70423	49.703	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	72583	46.897	ug/l	98
22) Diisopropyl ether	6.131	45	218555	48.957	ug/l	97
23) Vinyl Acetate	6.076	43	518018	239.214	ug/l	99
24) 1,1-Dichloroethane	6.027	63	129527	47.569	ug/l	98
25) 2-Butanone	6.996	43	109553	230.160	ug/l	99
26) 2,2-Dichloropropane	6.996	77	110180	47.376	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	81004	47.230	ug/l	97
28) Bromochloromethane	7.344	49	52197	48.151	ug/l	99
29) Tetrahydrofuran	7.356	42	65802	254.864	ug/l	99
30) Chloroform	7.515	83	131637	47.477	ug/l	99
31) Cyclohexane	7.801	56	115312	51.118	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	113143	47.588	ug/l	99
36) 1,1-Dichloropropene	7.929	75	105062	48.727	ug/l	99
37) Ethyl Acetate	7.082	43	46521	50.179	ug/l	98
38) Carbon Tetrachloride	7.911	117	100503	47.566	ug/l	99
39) Methylcyclohexane	9.191	83	128113	49.402	ug/l	98
40) Benzene	8.173	78	300918	48.057	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23384	47.161	ug/l	91
42) 1,2-Dichloroethane	8.246	62	77667	47.843	ug/l	100
43) Isopropyl Acetate	8.283	43	85713	49.524	ug/l	99
44) Trichloroethene	8.953	130	75494	47.007	ug/l	99
45) 1,2-Dichloropropane	9.228	63	75228	48.948	ug/l	99
46) Dibromomethane	9.313	93	39254	48.093	ug/l	97
47) Bromodichloromethane	9.508	83	99403	47.871	ug/l	99
48) Methyl methacrylate	9.301	41	49665	51.682	ug/l	99
49) 1,4-Dioxane	9.307	88	8628	1074.799	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	234096	254.266	ug/l	99
52) Toluene	10.252	92	185659	48.987	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	93862	49.481	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	113714	48.741	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	53640	47.021	ug/l	98
56) Ethyl methacrylate	10.520	69	50567	50.690	ug/l	98
57) 1,3-Dichloropropane	10.801	76	93726	48.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	192359	277.788	ug/l	100
59) 2-Hexanone	10.837	43	169421	241.207	ug/l	99
60) Dibromochloromethane	10.990	129	63993	48.284	ug/l	98
61) 1,2-Dibromoethane	11.099	107	50387	48.622	ug/l	98
64) Tetrachloroethene	10.727	164	60378	46.718	ug/l	95
65) Chlorobenzene	11.526	112	188137	47.882	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	68869	47.985	ug/l	98
67) Ethyl Benzene	11.599	91	356094	49.853	ug/l	99
68) m/p-Xylenes	11.709	106	268682	100.116	ug/l	100
69) o-Xylene	12.038	106	123056	50.479	ug/l	100
70) Styrene	12.050	104	183863	51.953	ug/l	99
71) Bromoform	12.215	173	35239	48.966	ug/l #	98
73) Isopropylbenzene	12.337	105	337297	49.130	ug/l	100
74) N-amyl acetate	12.154	43	71094	51.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	61701	47.131	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	47174m	46.538	ug/l	
77) Bromobenzene	12.617	156	70504	47.461	ug/l	99
78) n-propylbenzene	12.678	91	413633	50.092	ug/l	99
79) 2-Chlorotoluene	12.764	91	220554	48.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	271215	49.916	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	19224	49.098	ug/l	98
82) 4-Chlorotoluene	12.861	91	226435	48.216	ug/l	99
83) tert-Butylbenzene	13.081	119	231163	49.186	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	266321	49.316	ug/l	98
85) sec-Butylbenzene	13.263	105	352476	50.650	ug/l	100
86) p-Isopropyltoluene	13.379	119	294032	50.723	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	139190	47.458	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	136110	47.167	ug/l	99
89) n-Butylbenzene	13.702	91	286199	51.187	ug/l	100
90) Hexachloroethane	13.971	117	58417	48.350	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	119089	47.547	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7906	47.285	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	62288	47.589	ug/l	100
94) Hexachlorobutadiene	15.123	225	37252	47.290	ug/l	98
95) Naphthalene	15.245	128	115784	50.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	52725	48.419	ug/l	98

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

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