

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018129.D
 Acq On : 02 May 2024 20:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 02 23:09:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	263045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	446344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	380750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	112165	54.097	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.200%
35) Dibromofluoromethane	7.710	113	133752	52.145	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.280%
50) Toluene-d8	10.173	98	515212	51.451	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.477	95	161132	46.758	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	106546	50.743	ug/l	99
3) Chloromethane	2.107	50	150728	54.940	ug/l	97
4) Vinyl Chloride	2.241	62	175676	59.183	ug/l	99
5) Bromomethane	2.643	94	123557	67.437	ug/l	99
6) Chloroethane	2.784	64	113782	61.550	ug/l	100
7) Trichlorofluoromethane	3.119	101	209087	52.909	ug/l	97
8) Diethyl Ether	3.515	74	70974	55.936	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	134866	54.686	ug/l	98
10) Methyl Iodide	4.076	142	183568	56.160	ug/l	98
11) Tert butyl alcohol	4.930	59	50481	298.727	ug/l #	80
12) 1,1-Dichloroethene	3.857	96	140095	55.708	ug/l	94
13) Acrolein	3.710	56	49694	197.575	ug/l	100
14) Allyl chloride	4.466	41	178306	53.627	ug/l	98
15) Acrylonitrile	5.143	53	139368	292.415	ug/l	98
16) Acetone	3.930	43	80810	204.585	ug/l	98
17) Carbon Disulfide	4.180	76	421026	56.068	ug/l	100
18) Methyl Acetate	4.466	43	58826	58.151	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	309682	53.664	ug/l	100
20) Methylene Chloride	4.704	84	144741	52.294	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	150662	56.357	ug/l	95
22) Diisopropyl ether	6.106	45	371129	54.196	ug/l	96
23) Vinyl Acetate	6.045	43	1118299	257.478	ug/l	99
24) 1,1-Dichloroethane	6.003	63	232506	56.228	ug/l	99
25) 2-Butanone	6.972	43	156035	253.920	ug/l	97
26) 2,2-Dichloropropane	6.972	77	182263	47.131	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	176766	55.444	ug/l	95
28) Bromochloromethane	7.319	49	84423	50.520	ug/l	91
29) Tetrahydrofuran	7.338	42	109204	279.540	ug/l	99
30) Chloroform	7.496	83	242764	55.480	ug/l	100
31) Cyclohexane	7.777	56	203708	51.275	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	215632	53.991	ug/l	98
36) 1,1-Dichloropropene	7.911	75	175890	51.371	ug/l	97
37) Ethyl Acetate	7.063	43	75604	50.741	ug/l #	96
38) Carbon Tetrachloride	7.893	117	192086	49.427	ug/l	99
39) Methylcyclohexane	9.179	83	249460	49.604	ug/l	98
40) Benzene	8.155	78	582976	52.988	ug/l	98

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41) Methacrylonitrile	7.295	41	36956	42.058	ug/l	95
42) 1,2-Dichloroethane	8.234	62	128650	50.473	ug/l	97
43) Isopropyl Acetate	8.264	43	154136	49.239	ug/l	96
44) Trichloroethene	8.935	130	159832	51.227	ug/l	99
45) 1,2-Dichloropropane	9.209	63	125860	52.431	ug/l	99
46) Dibromomethane	9.301	93	74342	50.938	ug/l	97
47) Bromodichloromethane	9.490	83	181024	50.524	ug/l	97
48) Methyl methacrylate	9.289	41	70006	48.855	ug/l	93
49) 1,4-Dioxane	9.295	88	17342	1071.018	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	385138	251.909	ug/l	97
52) Toluene	10.240	92	368484	50.606	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	164637	47.556	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	203912	50.137	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	98956	50.411	ug/l	97
56) Ethyl methacrylate	10.508	69	139228	50.166	ug/l #	92
57) 1,3-Dichloropropane	10.788	76	161119	51.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	292778	225.986	ug/l	93
59) 2-Hexanone	10.825	43	257927	236.370	ug/l	95
60) Dibromochloromethane	10.983	129	130424	48.918	ug/l	99
61) 1,2-Dibromoethane	11.087	107	93844	49.890	ug/l	100
64) Tetrachloroethene	10.715	164	139626	50.660	ug/l	97
65) Chlorobenzene	11.514	112	411346	51.185	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	134837	49.877	ug/l	98
67) Ethyl Benzene	11.587	91	687777	51.033	ug/l	96
68) m/p-Xylenes	11.697	106	544171	100.771	ug/l	96
69) o-Xylene	12.026	106	264103	50.909	ug/l	93
70) Styrene	12.038	104	438678	50.243	ug/l	98
71) Bromoform	12.203	173	74409	46.970	ug/l #	98
73) Isopropylbenzene	12.325	105	654238	51.461	ug/l	98
74) N-amyl acetate	12.142	43	137661	49.335	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	106597	52.694	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	66844m	47.152	ug/l	
77) Bromobenzene	12.605	156	156489	51.804	ug/l	93
78) n-propylbenzene	12.666	91	752317	51.388	ug/l	96
79) 2-Chlorotoluene	12.751	91	420402	50.562	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	520937	50.842	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	35497	45.616	ug/l	99
82) 4-Chlorotoluene	12.855	91	423002	49.648	ug/l	95
83) tert-Butylbenzene	13.075	119	485854	51.793	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	507818	50.592	ug/l	98
85) sec-Butylbenzene	13.251	105	693757	51.536	ug/l	98
86) p-Isopropyltoluene	13.367	119	564186	50.292	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	294101	50.902	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	284653	49.986	ug/l	100
89) n-Butylbenzene	13.690	91	496447	50.005	ug/l	97
90) Hexachloroethane	13.959	117	114499	50.236	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	255502	50.749	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14530	47.615	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	134237	47.707	ug/l	97
94) Hexachlorobutadiene	15.111	225	74433	47.789	ug/l	98
95) Naphthalene	15.233	128	261385	50.451	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	115443	49.168	ug/l	99

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

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