

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014974.D
 Acq On : 08 Aug 2023 10:25
 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 :Romaben Patel 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 08 15:51:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	304884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	505687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	461579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	232739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	246939	66.825	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.660%			
35) Dibromofluoromethane	7.716	113	220025	68.040	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 136.080%			
50) Toluene-d8	10.179	98	805085	65.409	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 130.820%			
62) 4-Bromofluorobenzene	12.477	95	290353	66.559	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 133.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77574	45.606	ug/l	96
3) Chloromethane	2.113	50	107531	44.816	ug/l	98
4) Vinyl Chloride	2.247	62	131370	44.433	ug/l	99
5) Bromomethane	2.643	94	104398	55.631	ug/l	99
6) Chloroethane	2.790	64	97081	47.557	ug/l	97
7) Trichlorofluoromethane	3.119	101	209388	44.816	ug/l	97
8) Diethyl Ether	3.527	74	85134	49.380	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	126390	45.697	ug/l	96
10) Methyl Iodide	4.088	142	147735	51.664	ug/l	97
11) Tert butyl alcohol	4.960	59	172549	193.478	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	114092	47.344	ug/l	94
13) Acrolein	3.729	56	93068	306.761	ug/l	97
14) Allyl chloride	4.479	41	197773	49.283	ug/l	97
15) Acrylonitrile	5.161	53	265043	251.636	ug/l	100
16) Acetone	3.948	43	325996	282.908	ug/l	92
17) Carbon Disulfide	4.192	76	244940	45.971	ug/l	100
18) Methyl Acetate	4.479	43	215374	51.324	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	457692	50.200	ug/l	98
20) Methylene Chloride	4.716	84	214770	49.310	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	132564	48.259	ug/l	96
22) Diisopropyl ether	6.118	45	472328	50.530	ug/l	94
23) Vinyl Acetate	6.057	43	1418221	252.394	ug/l	95
24) 1,1-Dichloroethane	6.015	63	264135	49.818	ug/l	95
25) 2-Butanone	6.984	43	422929	256.252	ug/l	95
26) 2,2-Dichloropropane	6.984	77	247885	46.205	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	172609	49.654	ug/l	95
28) Bromochloromethane	7.332	49	114886	48.067	ug/l	92
29) Tetrahydrofuran	7.350	42	243668	251.761	ug/l	93
30) Chloroform	7.508	83	290622	50.459	ug/l	97
31) Cyclohexane	7.783	56	184076	48.015	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	247662	48.793	ug/l	99
36) 1,1-Dichloropropene	7.917	75	188077	46.846	ug/l	100
37) Ethyl Acetate	7.076	43	155553	48.812	ug/l #	96
38) Carbon Tetrachloride	7.899	117	213579	47.321	ug/l	99
39) Methylcyclohexane	9.185	83	216225	45.288	ug/l	93
40) Benzene	8.161	78	568413	48.081	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	93632m	60.459	ug/l	
42) 1,2-Dichloroethane	8.234	62	203073	49.348	ug/l	95
43) Isopropyl Acetate	8.271	43	292122	49.339	ug/l	97
44) Trichloroethene	8.941	130	162291	47.843	ug/l	97
45) 1,2-Dichloropropane	9.215	63	154162	49.067	ug/l	98
46) Dibromomethane	9.307	93	99887	49.351	ug/l	97
47) Bromodichloromethane	9.496	83	235129	50.448	ug/l	98
48) Methyl methacrylate	9.295	41	129932	50.017	ug/l	94
49) 1,4-Dioxane	9.295	88	37347	992.027	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	834217	250.022	ug/l	94
52) Toluene	10.246	92	368559	48.446	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	248116	51.118	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	261932	49.949	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	146095	49.664	ug/l	96
56) Ethyl methacrylate	10.508	69	213996	50.804	ug/l	90
57) 1,3-Dichloropropane	10.788	76	240428	49.400	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	502435	252.270	ug/l	93
59) 2-Hexanone	10.831	43	634559	257.450	ug/l	92
60) Dibromochloromethane	10.983	129	176087	50.273	ug/l	99
61) 1,2-Dibromoethane	11.087	107	138845	49.449	ug/l	100
64) Tetrachloroethene	10.721	164	166308	47.899	ug/l	97
65) Chlorobenzene	11.514	112	422824	48.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	169889	49.501	ug/l	99
67) Ethyl Benzene	11.593	91	735093	47.823	ug/l	97
68) m/p-Xylenes	11.697	106	561619	95.511	ug/l	95
69) o-Xylene	12.026	106	278963	48.484	ug/l	99
70) Styrene	12.044	104	482421	49.061	ug/l	97
71) Bromoform	12.203	173	118783	50.212	ug/l #	99
73) Isopropylbenzene	12.325	105	740844	47.353	ug/l	100
74) N-amyl acetate	12.142	43	263386	49.274	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	184812	48.338	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	132987m	47.687	ug/l	
77) Bromobenzene	12.605	156	181193	47.746	ug/l	97
78) n-propylbenzene	12.666	91	874255	46.721	ug/l	99
79) 2-Chlorotoluene	12.751	91	507487	47.586	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	614668	47.676	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	63665	50.293	ug/l	97
82) 4-Chlorotoluene	12.849	91	527757	47.870	ug/l	100
83) tert-Butylbenzene	13.068	119	558582	47.361	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	614679	47.586	ug/l	99
85) sec-Butylbenzene	13.251	105	811736	46.894	ug/l	99
86) p-Isopropyltoluene	13.367	119	684080	47.743	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	357266	48.096	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	356247	48.091	ug/l	99
89) n-Butylbenzene	13.690	91	640992	47.613	ug/l	96
90) Hexachloroethane	13.959	117	133227	47.881	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	334477	48.790	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36554	48.967	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	220149	50.184	ug/l	99
94) Hexachlorobutadiene	15.111	225	114284	48.042	ug/l	98
95) Naphthalene	15.233	128	525757	50.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	198698	50.039	ug/l	99

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

