

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013614.D
 Acq On : 05 May 2023 10:14
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: May 08 00:22:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	255381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145126	51.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.716	113	128614	53.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.880%	
50) Toluene-d8	10.179	98	434783	51.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.483	95	158667	55.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.980%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	124519	51.287	ug/l	99
3) Chloromethane	2.113	50	137606	42.283	ug/l	99
4) Vinyl Chloride	2.253	62	140053	43.221	ug/l	98
5) Bromomethane	2.656	94	105397	40.816	ug/l	96
6) Chloroethane	2.796	64	92869	41.486	ug/l	97
7) Trichlorofluoromethane	3.125	101	243909	49.688	ug/l	97
8) Diethyl Ether	3.528	74	78491	46.955	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	133733	48.569	ug/l	98
10) Methyl Iodide	4.095	142	152992	44.239	ug/l	97
11) Tert butyl alcohol	4.979	59	74231	235.451	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	122790	46.264	ug/l	91
13) Acrolein	3.735	56	47328	191.410	ug/l	89
14) Allyl chloride	4.479	41	221220	44.920	ug/l	97
15) Acrylonitrile	5.161	53	241204	257.650	ug/l	98
16) Acetone	3.954	43	280781	254.680	ug/l	94
17) Carbon Disulfide	4.198	76	365347	42.376	ug/l	97
18) Methyl Acetate	4.479	43	177812	48.832	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	386516	50.443	ug/l	98
20) Methylene Chloride	4.716	84	160121	45.658	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	139995	48.242	ug/l	97
22) Diisopropyl ether	6.119	45	479743	49.839	ug/l	95
23) Vinyl Acetate	6.058	43	1516231	278.203	ug/l	96
24) 1,1-Dichloroethane	6.015	63	259761	48.420	ug/l	97
25) 2-Butanone	6.984	43	360023	257.491	ug/l	93
26) 2,2-Dichloropropane	6.978	77	236156	51.085	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	161350	50.323	ug/l	96
28) Bromochloromethane	7.332	49	94741	49.765	ug/l	87
29) Tetrahydrofuran	7.350	42	221465	254.456	ug/l	92
30) Chloroform	7.509	83	280934	52.669	ug/l	99
31) Cyclohexane	7.783	56	218853	43.663	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	247942	52.092	ug/l	98
36) 1,1-Dichloropropene	7.917	75	201067	50.810	ug/l	98
37) Ethyl Acetate	7.070	43	155292	52.147	ug/l	96
38) Carbon Tetrachloride	7.899	117	229602	55.357	ug/l	97
39) Methylcyclohexane	9.185	83	233800	50.116	ug/l	96
40) Benzene	8.161	78	584707	52.454	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	84885m	61.170	ug/l	98
42) 1,2-Dichloroethane	8.234	62	201981	55.423	ug/l	98
43) Isopropyl Acetate	8.271	43	260542	51.834	ug/l	97
44) Trichloroethene	8.935	130	151887	51.225	ug/l	95
45) 1,2-Dichloropropane	9.216	63	152262	52.242	ug/l	99
46) Dibromomethane	9.307	93	92724	53.171	ug/l	97
47) Bromodichloromethane	9.496	83	219106	56.150	ug/l	99
48) Methyl methacrylate	9.289	41	121260	52.528	ug/l	96
49) 1,4-Dioxane	9.313	88	27136	1089.522	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	777106	277.442	ug/l	96
52) Toluene	10.246	92	365011	54.415	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	225997	54.723	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	245138	52.752	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	128292	55.552	ug/l	96
56) Ethyl methacrylate	10.508	69	180153	56.228	ug/l	93
57) 1,3-Dichloropropane	10.788	76	213280	54.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	317423	264.203	ug/l	95
59) 2-Hexanone	10.831	43	577890	283.825	ug/l	96
60) Dibromochloromethane	10.984	129	158534	56.535	ug/l	100
61) 1,2-Dibromoethane	11.087	107	121580	53.547	ug/l	99
64) Tetrachloroethene	10.721	164	135503	51.398	ug/l	96
65) Chlorobenzene	11.514	112	391659	51.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	154295	54.625	ug/l	99
67) Ethyl Benzene	11.593	91	708964	53.458	ug/l	99
68) m/p-Xylenes	11.703	106	537645	106.640	ug/l	97
69) o-Xylene	12.032	106	252909	53.041	ug/l	95
70) Styrene	12.044	104	439486	55.125	ug/l	99
71) Bromoform	12.209	173	110948	56.077	ug/l #	99
73) Isopropylbenzene	12.331	105	673518	50.466	ug/l	99
74) N-amyl acetate	12.142	43	232048	48.859	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	162675	49.868	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	126174m	53.023	ug/l	99
77) Bromobenzene	12.611	156	168754	52.185	ug/l	94
78) n-propylbenzene	12.672	91	842904	51.276	ug/l	98
79) 2-Chlorotoluene	12.758	91	466191	50.784	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	568927	52.229	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	57638	49.546	ug/l	94
82) 4-Chlorotoluene	12.855	91	489759	51.187	ug/l	97
83) tert-Butylbenzene	13.075	119	487091	51.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	560976	52.970	ug/l	99
85) sec-Butylbenzene	13.251	105	719779	50.819	ug/l	99
86) p-Isopropyltoluene	13.367	119	603831	53.014	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	320343	51.996	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	315577	50.708	ug/l	98
89) n-Butylbenzene	13.697	91	565477	50.867	ug/l	99
90) Hexachloroethane	13.959	117	118175	49.297	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	291334	52.366	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29350	50.944	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	178928	53.943	ug/l	99
94) Hexachlorobutadiene	15.111	225	108469	56.189	ug/l	99
95) Naphthalene	15.233	128	382584	53.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	162988	55.131	ug/l	99

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 Dadoda

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

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

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Dadoda

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