

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009872.D
 Acq On : 05 Aug 2022 23:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/08/2022
 Supervised By :Mahesh Dadoda 08/08/2022

Quant Time: Aug 06 01:25:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	3666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2127	73.422	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	= 146.840%		
35) Dibromofluoromethane	7.703	113	1823	51.049	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	= 102.100%		
50) Toluene-d8	10.173	98	5523	53.110	ug/l	0.00
Spiked Amount 50.000	Range 78	- 125	Recovery	= 106.220%		
62) 4-Bromofluorobenzene	12.477	95	2762	57.117	ug/l	0.00
Spiked Amount 50.000	Range 50	- 146	Recovery	= 114.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	1853	55.100	ug/l	90
3) Chloromethane	2.107	50	2786	52.567	ug/l	98
4) Vinyl Chloride	2.241	62	2754	49.559	ug/l	92
5) Bromomethane	2.643	94	2069	56.835	ug/l #	80
6) Chloroethane	2.790	64	1664	46.027	ug/l	94
7) Trichlorofluoromethane	3.113	101	3577	48.282	ug/l	87
8) Diethyl Ether	3.521	74	1441	64.649	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	2108	52.014	ug/l #	82
10) Methyl Iodide	4.082	142	2514	54.093	ug/l	95
11) Tert butyl alcohol	4.948	59	1725	443.145	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	1787	48.270	ug/l	95
13) Acrolein	3.716	56	19	37.009	ug/l #	39
14) Allyl chloride	4.460	41	3219	51.818	ug/l	98
15) Acrylonitrile	5.149	53	5246	443.345	ug/l	97
16) Acetone	3.936	43	4748	457.531	ug/l #	87
17) Carbon Disulfide	4.180	76	5446	47.194	ug/l #	90
18) Methyl Acetate	4.466	43	2787	90.019	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	6532	68.780	ug/l	91
20) Methylene Chloride	4.698	84	3517	78.089	ug/l #	94
21) trans-1,2-Dichloroethene	5.198	96	2240	53.220	ug/l	89
22) Diisopropyl ether	6.112	45	7801	56.715	ug/l	93
23) Vinyl Acetate	6.045	43	24467	278.718	ug/l	96
24) 1,1-Dichloroethane	6.003	63	4698	63.107	ug/l #	92
25) 2-Butanone	6.984	43	7012	413.090	ug/l	98
26) 2,2-Dichloropropane	6.972	77	3144	45.433	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	2747	58.440	ug/l	93
28) Bromochloromethane	7.332	49	1889	65.086	ug/l #	98
29) Tetrahydrofuran	7.338	42	4731	432.739	ug/l	93
30) Chloroform	7.502	83	4670	59.948	ug/l	95
31) Cyclohexane	7.771	56	2924	42.153	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	3655	54.144	ug/l	99
36) 1,1-Dichloropropene	7.917	75	2759	46.569	ug/l	98
37) Ethyl Acetate	7.069	43	3411	88.393	ug/l #	93
38) Carbon Tetrachloride	7.886	117	3272	52.512	ug/l	88
39) Methylcyclohexane	9.173	83	2637	38.365	ug/l	89
40) Benzene	8.155	78	9770	54.363	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	1475m	78.372	ug/l	
42) 1,2-Dichloroethane	8.228	62	3634	70.421	ug/l	95
43) Isopropyl Acetate	8.264	43	5333	79.317	ug/l	97
44) Trichloroethene	8.935	130	2449	51.132	ug/l	97
45) 1,2-Dichloropropane	9.209	63	2842	63.280	ug/l	93
46) Dibromomethane	9.301	93	1908	68.917	ug/l	97
47) Bromodichloromethane	9.490	83	4004	62.582	ug/l	97
48) Methyl methacrylate	9.289	41	2232	72.422	ug/l	95
49) 1,4-Dioxane	9.282	88	602	1668.899	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	14418	380.160	ug/l	100
52) Toluene	10.240	92	5791	51.139	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	3256	51.921	ug/l #	86
54) cis-1,3-Dichloropropene	9.923	75	3802	53.722	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	2632	70.952	ug/l	90
56) Ethyl methacrylate	10.502	69	2609	50.145	ug/l	98
57) 1,3-Dichloropropane	10.782	76	4070	64.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	5783	254.714	ug/l	93
59) 2-Hexanone	10.831	43	9459	359.964	ug/l	91
60) Dibromochloromethane	10.977	129	2962	66.772	ug/l	98
61) 1,2-Dibromoethane	11.087	107	2472	68.295	ug/l	97
64) Tetrachloroethene	10.715	164	2731	50.749	ug/l	92
65) Chlorobenzene	11.508	112	6863	46.575	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	2612	47.776	ug/l	98
67) Ethyl Benzene	11.587	91	9794	38.279	ug/l	98
68) m/p-Xylenes	11.697	106	8083	80.479	ug/l	96
69) o-Xylene	12.026	106	3858	42.989	ug/l	98
70) Styrene	12.038	104	6272	37.617	ug/l	96
71) Bromoform	12.209	173	1901	57.985	ug/l #	99
73) Isopropylbenzene	12.325	105	10019	42.301	ug/l	100
74) N-amyl acetate	12.142	43	3712	44.217	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	3262	61.106	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	2192m	56.194	ug/l	
77) Bromobenzene	12.605	156	2744	46.143	ug/l	93
78) n-propylbenzene	12.666	91	12114	40.536	ug/l	98
79) 2-Chlorotoluene	12.751	91	7360	44.229	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	8308	41.580	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	799	43.961	ug/l #	82
82) 4-Chlorotoluene	12.855	91	7567	43.110	ug/l	98
83) tert-Butylbenzene	13.074	119	7184	42.064	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	8478	43.038	ug/l	100
85) sec-Butylbenzene	13.251	105	10871	41.637	ug/l	100
86) p-Isopropyltoluene	13.367	119	8563	40.442	ug/l	94
87) 1,3-Dichlorobenzene	13.361	146	5170	44.244	ug/l	94
88) 1,4-Dichlorobenzene	13.440	146	5280	44.392	ug/l	99
89) n-Butylbenzene	13.690	91	8172	39.410	ug/l	95
90) Hexachloroethane	13.958	117	1782	39.184	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	5080	47.498	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	499	59.636	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	2431	40.971	ug/l	90
94) Hexachlorobutadiene	15.105	225	1450	41.720	ug/l	95
95) Naphthalene	15.227	128	4841	37.297	ug/l	95
96) 1,2,3-Trichlorobenzene	15.416	180	1943	37.022	ug/l	93

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

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