

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008781.D
 Acq On : 17 May 2022 19:07
 Operator : KP/MD
 Sample : VY0517SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

Quant Time: May 18 07:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70106	55.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.740%			
35) Dibromofluoromethane	7.716	113	69561	54.869	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.740%			
50) Toluene-d8	10.179	98	276717	49.162	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.483	95	88988	44.652	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	23161	24.363	ug/l	100
3) Chloromethane	2.113	50	32580	20.763	ug/l	91
4) Vinyl Chloride	2.247	62	49388	22.569	ug/l	97
5) Bromomethane	2.631	94	42289	25.437	ug/l	93
6) Chloroethane	2.784	64	36198	22.191	ug/l	96
7) Trichlorofluoromethane	3.119	101	45754	22.179	ug/l	92
8) Diethyl Ether	3.528	74	12968	21.640	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	27290	21.936	ug/l	96
10) Methyl Iodide	4.088	142	31258	22.308	ug/l	94
11) Tert butyl alcohol	4.948	59	14693	105.954	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	25078	21.852	ug/l	90
13) Acrolein	3.729	56	9345	136.222	ug/l	99
14) Allyl chloride	4.479	41	35500	21.029	ug/l #	90
15) Acrylonitrile	5.155	53	40368	99.338	ug/l	98
16) Acetone	3.948	43	32013	98.061	ug/l #	87
17) Carbon Disulfide	4.186	76	73233	22.521	ug/l	98
18) Methyl Acetate	4.473	43	22237	22.368	ug/l #	87
19) Methyl tert-butyl Ether	5.210	73	65462	21.179	ug/l	92
20) Methylene Chloride	4.710	84	33521	22.298	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	29154	20.718	ug/l	83
22) Diisopropyl ether	6.119	45	73212	20.479	ug/l #	93
23) Vinyl Acetate	6.058	43	250422	99.347	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	50157	21.144	ug/l	99
25) 2-Butanone	6.984	43	50467	95.843	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	45941	20.376	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	31802	20.376	ug/l	88
28) Bromochloromethane	7.332	49	18636	20.722	ug/l #	89
29) Tetrahydrofuran	7.344	42	34647	98.774	ug/l	90
30) Chloroform	7.502	83	52005	20.447	ug/l	94
31) Cyclohexane	7.783	56	45836	21.357	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	48448	20.546	ug/l	98
36) 1,1-Dichloropropene	7.911	75	41178	20.280	ug/l	98
37) Ethyl Acetate	7.070	43	23277	19.237	ug/l #	94
38) Carbon Tetrachloride	7.899	117	44244	20.332	ug/l	98
39) Methylcyclohexane	9.179	83	50097	20.805	ug/l	90
40) Benzene	8.161	78	117244	20.636	ug/l	96

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41) Methacrylonitrile	7.320	41	12972m	20.386	ug/l	
42) 1,2-Dichloroethane	8.234	62	33939	20.350	ug/l	93
43) Isopropyl Acetate	8.271	43	40431	20.072	ug/l #	93
44) Trichloroethene	8.941	130	31011	20.065	ug/l	95
45) 1,2-Dichloropropane	9.216	63	27805	20.592	ug/l	89
46) Dibromomethane	9.307	93	17545	19.774	ug/l	94
47) Bromodichloromethane	9.496	83	40592	20.637	ug/l	95
48) Methyl methacrylate	9.289	41	18086	20.449	ug/l #	86
49) 1,4-Dioxane	9.295	88	4812	361.073	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	115594	97.209	ug/l	91
52) Toluene	10.240	92	77785	20.148	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	41407	20.267	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	44357	20.134	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	24310	20.149	ug/l	97
56) Ethyl methacrylate	10.508	69	29224	19.964	ug/l	86
57) 1,3-Dichloropropane	10.788	76	40266	20.296	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	72173	96.687	ug/l	93
59) 2-Hexanone	10.831	43	79800	93.922	ug/l	88
60) Dibromochloromethane	10.984	129	28569	19.724	ug/l	99
61) 1,2-Dibromoethane	11.087	107	24048	19.986	ug/l	100
64) Tetrachloroethene	10.721	164	26981	20.795	ug/l	96
65) Chlorobenzene	11.514	112	83776	20.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	29642	19.779	ug/l	96
67) Ethyl Benzene	11.593	91	147405	20.121	ug/l	94
68) m/p-Xylenes	11.703	106	117322	40.199	ug/l	92
69) o-Xylene	12.032	106	52654	19.525	ug/l	96
70) Styrene	12.044	104	89428	19.590	ug/l	95
71) Bromoform	12.209	173	19852	19.513	ug/l #	92
73) Isopropylbenzene	12.331	105	146945	20.424	ug/l	100
74) N-amyl acetate	12.142	43	35406	20.617	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	31534	19.715	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	23272m	19.205	ug/l	
77) Bromobenzene	12.611	156	34147	20.483	ug/l	94
78) n-propylbenzene	12.672	91	184077	20.826	ug/l	99
79) 2-Chlorotoluene	12.758	91	97707	20.410	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	121571	20.928	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10816	19.523	ug/l	88
82) 4-Chlorotoluene	12.855	91	104265	20.616	ug/l	97
83) tert-Butylbenzene	13.075	119	108817	20.830	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	119996	20.866	ug/l	96
85) sec-Butylbenzene	13.251	105	169862	20.840	ug/l	100
86) p-Isopropyltoluene	13.367	119	139662	21.015	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	69525	19.848	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	70191	20.259	ug/l	100
89) n-Butylbenzene	13.696	91	133922	21.230	ug/l	99
90) Hexachloroethane	13.959	117	26637	21.199	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	62580	20.430	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5430	19.855	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	34781	20.793	ug/l	99
94) Hexachlorobutadiene	15.111	225	20489	21.286	ug/l	99
95) Naphthalene	15.239	128	75148	20.096	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	31632	21.526	ug/l	99

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

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