

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009660.D
 Acq On : 22 Jul 2022 15:23
 Operator : KP/MD
 Sample : VY0722SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS02

Quant Time: Jul 23 00:54:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209135	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	310704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103388	52.271	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.540%			
35) Dibromofluoromethane	7.703	113	104566	53.420	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.840%			
50) Toluene-d8	10.172	98	390024	51.831	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.477	95	137502	56.393	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 112.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.899	85	39403	21.472	ug/l	94
3) Chloromethane	2.107	50	50439	18.548	ug/l	94
4) Vinyl Chloride	2.241	62	60255	21.188	ug/l	100
5) Bromomethane	2.625	94	43472	22.585	ug/l	97
6) Chloroethane	2.777	64	37704	21.827	ug/l	99
7) Trichlorofluoromethane	3.107	101	81329	24.134	ug/l	91
8) Diethyl Ether	3.521	74	25602	23.221	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.881	101	45672	23.177	ug/l	92
10) Methyl Iodide	4.076	142	55944	21.372	ug/l	88
11) Tert butyl alcohol	4.954	59	25807	115.815	ug/l	96
12) 1,1-Dichloroethene	3.856	96	43563	22.651	ug/l	84
13) Acrolein	3.716	56	15624	110.492	ug/l	100
14) Allyl chloride	4.460	41	62773	21.100	ug/l	# 90
15) Acrylonitrile	5.155	53	62404	114.601	ug/l	97
16) Acetone	3.936	43	53826	107.577	ug/l	# 89
17) Carbon Disulfide	4.180	76	127313	21.294	ug/l	99
18) Methyl Acetate	4.466	43	33010	23.503	ug/l	# 88
19) Methyl tert-butyl Ether	5.210	73	116445	22.973	ug/l	97
20) Methylene Chloride	4.698	84	69977	22.481	ug/l	# 84
21) trans-1,2-Dichloroethene	5.210	96	49142	22.576	ug/l	# 80
22) Diisopropyl ether	6.106	45	133405	20.999	ug/l	# 93
23) Vinyl Acetate	6.045	43	414718	103.465	ug/l	# 91
24) 1,1-Dichloroethane	6.002	63	79711	21.724	ug/l	98
25) 2-Butanone	6.978	43	81628	111.842	ug/l	# 84
26) 2,2-Dichloropropane	6.972	77	75791	23.058	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	52756	21.921	ug/l	87
28) Bromochloromethane	7.319	49	30165	19.187	ug/l	# 76
29) Tetrahydrofuran	7.338	42	52200	108.937	ug/l	# 85
30) Chloroform	7.496	83	85874	22.878	ug/l	100
31) Cyclohexane	7.776	56	70346	20.170	ug/l	# 84
32) 1,1,1-Trichloroethane	7.691	97	76517	22.727	ug/l	96
36) 1,1-Dichloropropene	7.911	75	64026	22.135	ug/l	96
37) Ethyl Acetate	7.063	43	37312	23.177	ug/l	# 92
38) Carbon Tetrachloride	7.886	117	70130	23.161	ug/l	99
39) Methylcyclohexane	9.179	83	80743	22.639	ug/l	90
40) Benzene	8.148	78	185205	21.882	ug/l	97

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41) Methacrylonitrile	7.307	41	18763m	24.289	ug/l	
42) 1,2-Dichloroethane	8.228	62	53814	22.665	ug/l	90
43) Isopropyl Acetate	8.264	43	65837	22.318	ug/l #	92
44) Trichloroethene	8.935	130	56154	23.328	ug/l	93
45) 1,2-Dichloropropane	9.209	63	44646	21.500	ug/l	94
46) Dibromomethane	9.294	93	27385	22.707	ug/l	93
47) Bromodichloromethane	9.490	83	64258	22.722	ug/l	99
48) Methyl methacrylate	9.288	41	28303	21.716	ug/l #	85
49) 1,4-Dioxane	9.288	88	8258	513.688	ug/l #	80
51) 4-Methyl-2-Pentanone	10.063	43	176339	115.130	ug/l	90
52) Toluene	10.239	92	121338	22.632	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	67758	23.198	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	73693	22.189	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	39063	22.998	ug/l	97
56) Ethyl methacrylate	10.508	69	52296	24.066	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	64111	22.746	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	109083	110.734	ug/l	92
59) 2-Hexanone	10.831	43	121894	114.423	ug/l	89
60) Dibromochloromethane	10.977	129	48269	23.485	ug/l	98
61) 1,2-Dibromoethane	11.087	107	38199	23.051	ug/l	98
64) Tetrachloroethene	10.715	164	53783	24.157	ug/l	96
65) Chlorobenzene	11.514	112	132033	22.713	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	49911	23.109	ug/l	99
67) Ethyl Benzene	11.587	91	242742	23.742	ug/l	98
68) m/p-Xylenes	11.703	106	190189	46.740	ug/l	91
69) o-Xylene	12.026	106	89186	23.421	ug/l	93
70) Styrene	12.038	104	148831	23.499	ug/l	95
71) Bromoform	12.202	173	33951	24.909	ug/l #	97
73) Isopropylbenzene	12.324	105	238682	22.837	ug/l	98
74) N-amyl acetate	12.142	43	58799	21.153	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.580	83	46140	22.044	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	32097m	22.320	ug/l	
77) Bromobenzene	12.605	156	58895	22.408	ug/l	86
78) n-propylbenzene	12.666	91	286235	22.664	ug/l	97
79) 2-Chlorotoluene	12.751	91	155875	22.261	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	204303	23.656	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	18203	24.960	ug/l #	68
82) 4-Chlorotoluene	12.849	91	165670	22.806	ug/l	93
83) tert-Butylbenzene	13.074	119	182012	23.722	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	225028	26.054	ug/l	99
85) sec-Butylbenzene	13.251	105	262182	23.047	ug/l	98
86) p-Isopropyltoluene	13.367	119	220725	23.088	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	115780	22.269	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	114683	22.247	ug/l	99
89) n-Butylbenzene	13.696	91	208033	23.826	ug/l	97
90) Hexachloroethane	13.958	117	42525	23.088	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	103794	22.852	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7943	24.944	ug/l	69
93) 1,2,4-Trichlorobenzene	15.007	180	68124	23.897	ug/l	97
94) Hexachlorobutadiene	15.111	225	41959	24.811	ug/l	100
95) Naphthalene	15.232	128	166876	30.661	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.421	180	60829	24.292	ug/l	99

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

