

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009677.D
 Acq On : 25 Jul 2022 11:25
 Operator : KP/MD
 Sample : VY0725SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS02

Quant Time: Jul 26 05:55:21 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 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	49642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	71518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	66544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26358	56.142	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.280%			
35) Dibromofluoromethane	7.710	113	25796	57.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.500%			
50) Toluene-d8	10.173	98	92337	53.310	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.477	95	29679	52.880	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 105.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	8605	19.755	ug/l	99
3) Chloromethane	2.101	50	12802	19.832	ug/l	90
4) Vinyl Chloride	2.241	62	14715	21.799	ug/l	95
5) Bromomethane	2.637	94	11534	25.245	ug/l	99
6) Chloroethane	2.784	64	9338	22.773	ug/l	100
7) Trichlorofluoromethane	3.113	101	17892	22.368	ug/l	91
8) Diethyl Ether	3.521	74	5498	21.008	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.881	101	10742	22.965	ug/l	95
10) Methyl Iodide	4.076	142	11474	18.467	ug/l #	86
11) Tert butyl alcohol	4.942	59	5689	105.265	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	9538	20.893	ug/l #	71
13) Acrolein	3.723	56	3566	106.242	ug/l	98
14) Allyl chloride	4.460	41	13839	19.597	ug/l #	91
15) Acrylonitrile	5.149	53	15831	122.479	ug/l	97
16) Acetone	3.936	43	13685	115.226	ug/l #	84
17) Carbon Disulfide	4.174	76	26445	18.634	ug/l	100
18) Methyl Acetate	4.466	43	8389	25.163	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	24813	20.623	ug/l	100
20) Methylene Chloride	4.698	84	19207	27.936	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	11025	21.338	ug/l #	78
22) Diisopropyl ether	6.112	45	28839	19.124	ug/l	95
23) Vinyl Acetate	6.051	43	93907	98.700	ug/l #	92
24) 1,1-Dichloroethane	6.003	63	18984	21.797	ug/l	98
25) 2-Butanone	6.978	43	20160	116.368	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	16540	21.199	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	12054	21.101	ug/l	84
28) Bromochloromethane	7.326	49	7574	20.296	ug/l #	77
29) Tetrahydrofuran	7.338	42	12669	111.384	ug/l #	88
30) Chloroform	7.496	83	20585	23.104	ug/l	95
31) Cyclohexane	7.771	56	14604	17.641	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	18258	22.847	ug/l	96
36) 1,1-Dichloropropene	7.905	75	14151	21.254	ug/l	95
37) Ethyl Acetate	7.070	43	9044	24.406	ug/l	97
38) Carbon Tetrachloride	7.893	117	16575	23.781	ug/l	96
39) Methylcyclohexane	9.179	83	15624	19.031	ug/l #	88
40) Benzene	8.149	78	43831	22.498	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	3786m	21.292	ug/l	
42) 1,2-Dichloroethane	8.228	62	13048	23.874	ug/l	92
43) Isopropyl Acetate	8.265	43	15379	22.649	ug/l #	90
44) Trichloroethene	8.929	130	12310	22.217	ug/l	97
45) 1,2-Dichloropropane	9.209	63	10438	21.838	ug/l #	85
46) Dibromomethane	9.301	93	6873	24.758	ug/l	95
47) Bromodichloromethane	9.490	83	15826	24.312	ug/l	99
48) Methyl methacrylate	9.289	41	6356	21.187	ug/l #	88
49) 1,4-Dioxane	9.289	88	2222	600.482	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	41604	118.006	ug/l	94
52) Toluene	10.240	92	27480	22.268	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	14792	22.001	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	16942	22.162	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	9819	25.115	ug/l	97
56) Ethyl methacrylate	10.508	69	10365	20.722	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	15548	23.965	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	22949	103.642	ug/l	91
59) 2-Hexanone	10.831	43	28046	114.375	ug/l	92
60) Dibromochloromethane	10.984	129	11489	24.285	ug/l	99
61) 1,2-Dibromoethane	11.087	107	9503	24.913	ug/l	96
64) Tetrachloroethene	10.715	164	12499	24.000	ug/l	93
65) Chlorobenzene	11.514	112	29566	21.743	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	11672	23.103	ug/l	99
67) Ethyl Benzene	11.587	91	46380	19.393	ug/l	99
68) m/p-Xylenes	11.697	106	37224	39.108	ug/l	93
69) o-Xylene	12.026	106	17693	19.864	ug/l	91
70) Styrene	12.044	104	27968	18.878	ug/l	95
71) Bromoform	12.203	173	7864	24.666	ug/l #	98
73) Isopropylbenzene	12.325	105	46531	19.425	ug/l	100
74) N-amyl acetate	12.142	43	11311	17.754	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	11968	24.947	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	8090m	24.546	ug/l	
77) Bromobenzene	12.605	156	12948	21.495	ug/l	88
78) n-propylbenzene	12.666	91	56008	19.350	ug/l	97
79) 2-Chlorotoluene	12.752	91	32772	20.421	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	38475	19.438	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.374	75	3542	21.191	ug/l	88
82) 4-Chlorotoluene	12.855	91	34186	20.533	ug/l	94
83) tert-Butylbenzene	13.075	119	34449	19.589	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	38189	19.292	ug/l	95
85) sec-Butylbenzene	13.251	105	52267	20.046	ug/l	99
86) p-Isopropyltoluene	13.367	119	42446	19.372	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	25875	21.714	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	25541	21.618	ug/l	98
89) n-Butylbenzene	13.696	91	37592	18.785	ug/l	98
90) Hexachloroethane	13.959	117	9085	21.521	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	23563	22.635	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1945	26.650	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	12820	19.622	ug/l	99
94) Hexachlorobutadiene	15.111	225	9058	23.370	ug/l	98
95) Naphthalene	15.233	128	23687	18.989	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	11915	20.760	ug/l	98

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

