

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY080522.D
 Acq On : 05 Aug 2022 15:48
 Operator : KP/MD
 Sample : VY0805SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0805SBS01

Quant Time: Aug 06 01:17:45 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	46742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	71853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	72005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	18664	48.374	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.740%		
35) Dibromofluoromethane	7.710	113	20250	46.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.440%		
50) Toluene-d8	10.173	98	58538	44.794	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	89.580%		
62) 4-Bromofluorobenzene	12.477	95	27046	45.591	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	91.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	9055	18.450	ug/l	98
3) Chloromethane	2.107	50	13235	19.586	ug/l	97
4) Vinyl Chloride	2.241	62	13979	19.730	ug/l	100
5) Bromomethane	2.631	94	9833	19.261	ug/l	100
6) Chloroethane	2.778	64	8993	19.510	ug/l	92
7) Trichlorofluoromethane	3.107	101	18567	19.656	ug/l	100
8) Diethyl Ether	3.521	74	5416	19.057	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.875	101	10428	20.181	ug/l	98
10) Methyl Iodide	4.076	142	10606	17.898	ug/l	97
11) Tert butyl alcohol	4.936	59	5118m	103.120	ug/l	
12) 1,1-Dichloroethene	3.857	96	8959	18.980	ug/l	99
13) Acrolein	3.716	56	757	115.646	ug/l	100
14) Allyl chloride	4.466	41	14967	18.896	ug/l	98
15) Acrylonitrile	5.149	53	14629	96.965	ug/l	98
16) Acetone	3.942	43	12085	91.336	ug/l	96
17) Carbon Disulfide	4.174	76	27372	18.604	ug/l #	93
18) Methyl Acetate	4.466	43	8286	20.991	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	23205	19.164	ug/l	96
20) Methylene Chloride	4.698	84	13899	17.663	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	10553	19.665	ug/l #	84
22) Diisopropyl ether	6.106	45	33267	18.969	ug/l	90
23) Vinyl Acetate	6.045	43	102031	91.159	ug/l	100
24) 1,1-Dichloroethane	6.003	63	18831	19.839	ug/l	96
25) 2-Butanone	6.972	43	19313	89.236	ug/l	93
26) 2,2-Dichloropropane	6.972	77	15921	18.044	ug/l	100
27) cis-1,2-Dichloroethene	6.966	96	11476	19.148	ug/l	98
28) Bromochloromethane	7.319	49	6647	17.962	ug/l	97
29) Tetrahydrofuran	7.338	42	13109	94.043	ug/l	99
30) Chloroform	7.496	83	19151	19.281	ug/l	95
31) Cyclohexane	7.777	56	16119	18.225	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	17058	19.819	ug/l	99
36) 1,1-Dichloropropene	7.911	75	14064	19.350	ug/l	97
37) Ethyl Acetate	7.063	43	9346	19.742	ug/l	97
38) Carbon Tetrachloride	7.886	117	15630	20.447	ug/l	93
39) Methylcyclohexane	9.179	83	15482	18.360	ug/l	96
40) Benzene	8.149	78	42516	19.284	ug/l	100

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Quant Time: Aug 06 01:17:45 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)
41) Methacrylonitrile	7.301	41	5541	23.999	ug/l #	11
42) 1,2-Dichloroethane	8.228	62	12796	20.213	ug/l	99
43) Isopropyl Acetate	8.264	43	15790	19.143	ug/l #	88
44) Trichloroethene	8.935	130	11695	19.904	ug/l	93
45) 1,2-Dichloropropane	9.209	63	10887	19.760	ug/l	95
46) Dibromomethane	9.301	93	6514	19.179	ug/l	97
47) Bromodichloromethane	9.490	83	14729	18.765	ug/l	96
48) Methyl methacrylate	9.289	41	7063	18.681	ug/l	95
49) 1,4-Dioxane	9.295	88	1456	379.464	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	44490	95.621	ug/l	99
52) Toluene	10.240	92	26227	18.879	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	14732	19.149	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	16073	18.512	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	9282	20.396	ug/l	94
56) Ethyl methacrylate	10.508	69	10743	18.788	ug/l	100
57) 1,3-Dichloropropane	10.788	76	15445	19.984	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	28163	101.113	ug/l	99
59) 2-Hexanone	10.831	43	30523	94.683	ug/l	100
60) Dibromochloromethane	10.983	129	11246	20.665	ug/l	100
61) 1,2-Dibromoethane	11.087	107	8707	19.608	ug/l	99
64) Tetrachloroethene	10.715	164	11952	20.922	ug/l	95
65) Chlorobenzene	11.514	112	30334	19.392	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	12221	21.057	ug/l	99
67) Ethyl Benzene	11.587	91	52587	19.361	ug/l	99
68) m/p-Xylenes	11.697	106	42935	40.270	ug/l	97
69) o-Xylene	12.026	106	18847	19.783	ug/l	96
70) Styrene	12.038	104	32086	18.632	ug/l	97
71) Bromoform	12.203	173	7117	20.450	ug/l #	98
73) Isopropylbenzene	12.325	105	49091	19.078	ug/l	98
74) N-amyl acetate	12.142	43	14659	18.264	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	10795	18.614	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	7441m	17.559	ug/l	
77) Bromobenzene	12.605	156	12311	19.056	ug/l	95
78) n-propylbenzene	12.666	91	60401	18.604	ug/l	99
79) 2-Chlorotoluene	12.751	91	33709	18.646	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	40983	18.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	3727	18.875	ug/l	95
82) 4-Chlorotoluene	12.849	91	35227	18.473	ug/l	97
83) tert-Butylbenzene	13.075	119	34279	18.475	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	41164	19.235	ug/l	98
85) sec-Butylbenzene	13.251	105	52943	18.665	ug/l	99
86) p-Isopropyltoluene	13.367	119	44303	19.260	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	25240	19.882	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	25177	19.485	ug/l	98
89) n-Butylbenzene	13.696	91	41142	18.263	ug/l	99
90) Hexachloroethane	13.959	117	9270	18.763	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	22447	19.319	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1850	20.351	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	12606	19.556	ug/l	99
94) Hexachlorobutadiene	15.111	225	7714	20.430	ug/l	99
95) Naphthalene	15.233	128	23689	19.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	11534	20.229	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

