

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY080522.D
 Acq On : 05 Aug 2022 16:11
 Operator : KP/MD
 Sample : VY0805SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0805SBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 01:18:28 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	44725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	70534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	67119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17909	48.530	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.060%		
35) Dibromofluoromethane	7.710	113	19637	45.662	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.320%		
50) Toluene-d8	10.173	98	56599	43.999	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	88.000%		
62) 4-Bromofluorobenzene	12.477	95	26901	46.194	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	92.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	11271	25.303	ug/l	99
3) Chloromethane	2.107	50	13441	20.788	ug/l	98
4) Vinyl Chloride	2.241	62	13889	20.487	ug/l	95
5) Bromomethane	2.625	94	9370	19.178	ug/l	95
6) Chloroethane	2.778	64	8837	20.036	ug/l	96
7) Trichlorofluoromethane	3.107	101	18825	20.828	ug/l	92
8) Diethyl Ether	3.515	74	5659	20.810	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.875	101	10251	20.733	ug/l	98
10) Methyl Iodide	4.076	142	10590	18.677	ug/l	99
11) Tert butyl alcohol	4.948	59	6725	141.609	ug/l #	90
12) 1,1-Dichloroethene	3.857	96	8924	19.759	ug/l	88
13) Acrolein	3.723	56	852	136.029	ug/l	92
14) Allyl chloride	4.460	41	14971	19.754	ug/l	97
15) Acrylonitrile	5.155	53	15474	107.191	ug/l	97
16) Acetone	3.942	43	12795	101.063	ug/l	99
17) Carbon Disulfide	4.174	76	27137	19.276	ug/l	97
18) Methyl Acetate	4.472	43	8462	22.403	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	24717	21.333	ug/l	98
20) Methylene Chloride	4.698	84	17227	25.679	ug/l	93
21) trans-1,2-Dichloroethene	5.198	96	10058	19.588	ug/l	86
22) Diisopropyl ether	6.112	45	33153	19.757	ug/l	95
23) Vinyl Acetate	6.051	43	106097	99.067	ug/l	98
24) 1,1-Dichloroethane	6.003	63	18234	20.077	ug/l	98
25) 2-Butanone	6.972	43	22279	107.582	ug/l	98
26) 2,2-Dichloropropane	6.972	77	17017	20.156	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	11654	20.322	ug/l	96
28) Bromochloromethane	7.326	49	6998	19.764	ug/l	99
29) Tetrahydrofuran	7.338	42	14222	106.629	ug/l	99
30) Chloroform	7.496	83	19598	20.621	ug/l	94
31) Cyclohexane	7.777	56	16335	19.302	ug/l #	91
32) 1,1,1-Trichloroethane	7.691	97	16624	20.186	ug/l	98
36) 1,1-Dichloropropene	7.905	75	14784	20.721	ug/l	98
37) Ethyl Acetate	7.063	43	9266	19.939	ug/l	96
38) Carbon Tetrachloride	7.893	117	15644	20.848	ug/l	98
39) Methylcyclohexane	9.179	83	15576	18.817	ug/l	93
40) Benzene	8.149	78	43877	20.273	ug/l	100

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 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	7.307	41	4173m	18.412	ug/l	
42) 1,2-Dichloroethane	8.234	62	13251	21.323	ug/l	98
43) Isopropyl Acetate	8.264	43	17124	21.148	ug/l	100
44) Trichloroethene	8.929	130	11628	20.160	ug/l	99
45) 1,2-Dichloropropane	9.209	63	11054	20.438	ug/l	100
46) Dibromomethane	9.301	93	6615	19.841	ug/l	99
47) Bromodichloromethane	9.490	83	14867	19.295	ug/l	90
48) Methyl methacrylate	9.289	41	7227	19.472	ug/l	97
49) 1,4-Dioxane	9.295	88	1670	432.793	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	47325	103.616	ug/l	99
52) Toluene	10.240	92	26818	19.665	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	14301	18.936	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	16692	19.585	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	9182	20.554	ug/l	96
56) Ethyl methacrylate	10.508	69	10636	18.924	ug/l	98
57) 1,3-Dichloropropane	10.788	76	15249	20.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	30021	109.800	ug/l	99
59) 2-Hexanone	10.831	43	32327	102.154	ug/l	97
60) Dibromochloromethane	10.977	129	10794	20.205	ug/l	99
61) 1,2-Dibromoethane	11.081	107	8804	20.197	ug/l	98
64) Tetrachloroethene	10.715	164	11085	20.817	ug/l	93
65) Chlorobenzene	11.514	112	30113	20.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	11034	20.396	ug/l	99
67) Ethyl Benzene	11.587	91	48289	19.073	ug/l	98
68) m/p-Xylenes	11.697	106	39393	39.637	ug/l	97
69) o-Xylene	12.026	106	18138	20.425	ug/l	95
70) Styrene	12.038	104	30959	19.252	ug/l	99
71) Bromoform	12.203	173	6724	20.727	ug/l #	97
73) Isopropylbenzene	12.325	105	47166	19.181	ug/l	100
74) N-amyl acetate	12.142	43	15070	19.388	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	11344	20.469	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	7647m	18.883	ug/l	
77) Bromobenzene	12.605	156	12137	19.659	ug/l	97
78) n-propylbenzene	12.666	91	60289	19.432	ug/l	100
79) 2-Chlorotoluene	12.751	91	33567	19.430	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	40740	19.640	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	3890	20.616	ug/l	95
82) 4-Chlorotoluene	12.855	91	35558	19.513	ug/l	97
83) tert-Butylbenzene	13.075	119	34962	19.718	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	40727	19.915	ug/l	99
85) sec-Butylbenzene	13.251	105	53340	19.678	ug/l	100
86) p-Isopropyltoluene	13.367	119	44509	20.248	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	25015	20.620	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	24318	19.694	ug/l	96
89) n-Butylbenzene	13.696	91	43835	20.362	ug/l	99
90) Hexachloroethane	13.959	117	10119	21.432	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	24185	21.781	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1849	21.285	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	12799	20.777	ug/l	97
94) Hexachlorobutadiene	15.111	225	7877	21.830	ug/l	98
95) Naphthalene	15.233	128	24590	21.016	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	10940	20.079	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
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ALS Vial : 5 Sample Multiplier: 1

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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

