

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009886.D
 Acq On : 08 Aug 2022 20:05
 Operator : KP/MD
 Sample : VY0808SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBS01

Quant Time: Aug 09 02:15:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	62445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	102633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25840	53.230	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.460%			
35) Dibromofluoromethane	7.710	113	26488	44.315	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.620%			
50) Toluene-d8	10.173	98	83961	45.808	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.620%			
62) 4-Bromofluorobenzene	12.477	95	40170	48.131	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	9820	18.434	ug/l	97
3) Chloromethane	2.101	50	11301	17.060	ug/l	95
4) Vinyl Chloride	2.235	62	11839	17.178	ug/l	100
5) Bromomethane	2.625	94	8359	17.826	ug/l	99
6) Chloroethane	2.772	64	7370	17.688	ug/l	100
7) Trichlorofluoromethane	3.101	101	20666	18.483	ug/l	95
8) Diethyl Ether	3.515	74	7734	19.862	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.881	101	12353	19.267	ug/l	96
10) Methyl Iodide	4.064	142	11995	16.295	ug/l	98
11) Tert butyl alcohol	4.948	59	8043	113.611	ug/l	100
12) 1,1-Dichloroethene	3.851	96	10353	17.439	ug/l	96
13) Acrolein	3.717	56	1240	160.460	ug/l	99
14) Allyl chloride	4.466	41	19894	17.983	ug/l	98
15) Acrylonitrile	5.149	53	21593	103.524	ug/l	98
16) Acetone	3.936	43	16899	95.937	ug/l	99
17) Carbon Disulfide	4.174	76	28675	15.150	ug/l #	95
18) Methyl Acetate	4.460	43	12186	21.488	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	32917	19.869	ug/l	99
20) Methylene Chloride	4.698	84	23874	23.896	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	12218	17.966	ug/l	98
22) Diisopropyl ether	6.106	45	45943	19.762	ug/l	97
23) Vinyl Acetate	6.045	43	141843	97.435	ug/l	97
24) 1,1-Dichloroethane	5.997	63	23394	18.621	ug/l	97
25) 2-Butanone	6.978	43	29075	100.233	ug/l	98
26) 2,2-Dichloropropane	6.972	77	18955	17.378	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	14613	18.934	ug/l	98
28) Bromochloromethane	7.320	49	8743	19.976	ug/l	88
29) Tetrahydrofuran	7.338	42	19900	105.099	ug/l	93
30) Chloroform	7.496	83	24000	19.003	ug/l	99
31) Cyclohexane	7.771	56	20292	16.739	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	20382	19.130	ug/l	96
36) 1,1-Dichloropropene	7.905	75	17495	17.346	ug/l	96
37) Ethyl Acetate	7.070	43	13256	19.809	ug/l	98
38) Carbon Tetrachloride	7.893	117	17351	17.333	ug/l	94
39) Methylcyclohexane	9.173	83	19081	16.045	ug/l #	88
40) Benzene	8.149	78	55126	18.234	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	7191	19.674	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	16886	20.130	ug/l	98
43) Isopropyl Acetate	8.264	43	23691	19.888	ug/l	96
44) Trichloroethene	8.929	130	13689	17.478	ug/l	96
45) 1,2-Dichloropropane	9.209	63	14763	18.822	ug/l	100
46) Dibromomethane	9.301	93	8400	19.158	ug/l	98
47) Bromodichloromethane	9.490	83	19446	19.328	ug/l	97
48) Methyl methacrylate	9.289	41	9473	17.877	ug/l	96
49) 1,4-Dioxane	9.295	88	2012	399.779	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	65701	99.796	ug/l	97
52) Toluene	10.240	92	33137	17.709	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	18907	17.923	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	21727	18.053	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	12159	19.211	ug/l	100
56) Ethyl methacrylate	10.508	69	15070	18.417	ug/l	91
57) 1,3-Dichloropropane	10.788	76	20550	19.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	42466	112.174	ug/l	98
59) 2-Hexanone	10.831	43	45000	100.139	ug/l	97
60) Dibromochloromethane	10.977	129	14453	19.835	ug/l	99
61) 1,2-Dibromoethane	11.087	107	11792	19.596	ug/l	99
64) Tetrachloroethene	10.715	164	12945	17.220	ug/l	94
65) Chlorobenzene	11.514	112	39094	19.186	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	14682	19.933	ug/l	99
67) Ethyl Benzene	11.587	91	64936	18.400	ug/l	99
68) m/p-Xylenes	11.697	106	50886	37.687	ug/l	98
69) o-Xylene	12.026	106	23301	18.385	ug/l	97
70) Styrene	12.044	104	40999	18.861	ug/l	99
71) Bromoform	12.203	173	9002	19.787	ug/l #	100
73) Isopropylbenzene	12.325	105	61058	18.391	ug/l	100
74) N-amyl acetate	12.142	43	20672	19.189	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	15125	19.871	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	10327m	18.972	ug/l	
77) Bromobenzene	12.605	156	14814	18.477	ug/l	91
78) n-propylbenzene	12.666	91	76920	18.238	ug/l	98
79) 2-Chlorotoluene	12.751	91	44233	18.739	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	51598	18.561	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	5263	19.548	ug/l	95
82) 4-Chlorotoluene	12.849	91	45982	18.478	ug/l	98
83) tert-Butylbenzene	13.075	119	43844	18.244	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	51570	18.780	ug/l	99
85) sec-Butylbenzene	13.251	105	69667	18.881	ug/l	98
86) p-Isopropyltoluene	13.367	119	56188	18.811	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	31249	19.488	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	31790	19.489	ug/l	98
89) n-Butylbenzene	13.696	91	54619	18.719	ug/l	97
90) Hexachloroethane	13.959	117	11740	18.863	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	28529	19.519	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2384	19.581	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	15597	18.826	ug/l	100
94) Hexachlorobutadiene	15.111	225	8821	18.746	ug/l	98
95) Naphthalene	15.233	128	32075	18.491	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	13778	18.693	ug/l	98

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

