

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011676.D
 Acq On : 02 Dec 2022 12:27
 Operator : KP/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1202SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 23:50:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71828	55.505	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.000%			
35) Dibromofluoromethane	7.716	113	69222	54.504	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.000%			
50) Toluene-d8	10.179	98	232606	50.400	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.483	95	94238	55.227	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21645	28.517	ug/l	92
3) Chloromethane	2.113	50	24497	19.945	ug/l	95
4) Vinyl Chloride	2.253	62	27865	19.330	ug/l	96
5) Bromomethane	2.650	94	20544	19.923	ug/l	99
6) Chloroethane	2.796	64	18706	18.599	ug/l	94
7) Trichlorofluoromethane	3.125	101	47716	22.567	ug/l	96
8) Diethyl Ether	3.527	74	15694	22.965	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	27033	22.110	ug/l	97
10) Methyl Iodide	4.094	142	30369	21.319	ug/l	96
11) Tert butyl alcohol	4.948	59	17778	110.056	ug/l	99
12) 1,1-Dichloroethene	3.875	96	25106	22.416	ug/l	88
13) Acrolein	3.735	56	4645	136.129	ug/l	95
14) Allyl chloride	4.479	41	42393	21.562	ug/l #	92
15) Acrylonitrile	5.161	53	42680	114.344	ug/l	99
16) Acetone	3.942	43	45999	109.432	ug/l #	89
17) Carbon Disulfide	4.198	76	66632	21.466	ug/l	99
18) Methyl Acetate	4.479	43	24944	24.414	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	73607	23.028	ug/l	96
20) Methylene Chloride	4.716	84	39477	18.217	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	28650	22.137	ug/l	89
22) Diisopropyl ether	6.118	45	93960	21.893	ug/l	97
23) Vinyl Acetate	6.064	43	268188	107.277	ug/l	96
24) 1,1-Dichloroethane	6.021	63	55548	22.044	ug/l	99
25) 2-Butanone	6.990	43	60175	108.929	ug/l #	90
26) 2,2-Dichloropropane	6.984	77	49655	21.351	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	33236	21.813	ug/l	93
28) Bromochloromethane	7.332	49	20359	20.112	ug/l	91
29) Tetrahydrofuran	7.350	42	34257	109.807	ug/l	93
30) Chloroform	7.508	83	58939	22.555	ug/l	98
31) Cyclohexane	7.789	56	42999	20.046	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	51151	21.881	ug/l	98
36) 1,1-Dichloropropene	7.917	75	40066	20.182	ug/l	96
37) Ethyl Acetate	7.076	43	24003	21.233	ug/l #	95
38) Carbon Tetrachloride	7.899	117	46203	20.802	ug/l	96
39) Methylcyclohexane	9.185	83	45194	20.399	ug/l	93
40) Benzene	8.161	78	122275	21.144	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11796m	20.638	ug/l	
42) 1,2-Dichloroethane	8.234	62	38612	21.590	ug/l	94
43) Isopropyl Acetate	8.271	43	41515	20.357	ug/l #	90
44) Trichloroethene	8.941	130	32056	20.602	ug/l	95
45) 1,2-Dichloropropane	9.215	63	31515	21.321	ug/l	100
46) Dibromomethane	9.307	93	17849	21.596	ug/l	96
47) Bromodichloromethane	9.496	83	44727	21.484	ug/l	99
48) Methyl methacrylate	9.295	41	18699	20.643	ug/l #	89
49) 1,4-Dioxane	9.295	88	4615	450.888	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	116903	103.120	ug/l	92
52) Toluene	10.246	92	77332	21.147	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	43984	21.136	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	50389	21.524	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	26494	22.406	ug/l	97
56) Ethyl methacrylate	10.508	69	31708	21.561	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	43403	21.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	73600	102.190	ug/l	95
59) 2-Hexanone	10.831	43	84380	104.286	ug/l	92
60) Dibromochloromethane	10.983	129	31857	21.984	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23456	21.733	ug/l	97
64) Tetrachloroethene	10.721	164	32289	20.436	ug/l	98
65) Chlorobenzene	11.514	112	84071	20.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32050	21.062	ug/l	97
67) Ethyl Benzene	11.593	91	145545	20.077	ug/l	99
68) m/p-Xylenes	11.703	106	113894	41.272	ug/l	96
69) o-Xylene	12.032	106	52787	20.546	ug/l	97
70) Styrene	12.044	104	90537	20.644	ug/l	97
71) Bromoform	12.209	173	19577	21.147	ug/l #	99
73) Isopropylbenzene	12.331	105	143583	19.984	ug/l	99
74) N-amyl acetate	12.142	43	34796	19.611	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	28748	20.305	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	23474m	21.941	ug/l	
77) Bromobenzene	12.611	156	34093	20.321	ug/l	98
78) n-propylbenzene	12.672	91	176503	20.136	ug/l	99
79) 2-Chlorotoluene	12.758	91	102760	20.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	127319	21.022	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9908	20.284	ug/l	94
82) 4-Chlorotoluene	12.855	91	107112	20.734	ug/l	99
83) tert-Butylbenzene	13.075	119	104913	19.887	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	124964	20.891	ug/l	100
85) sec-Butylbenzene	13.251	105	159711	20.291	ug/l	99
86) p-Isopropyltoluene	13.367	119	134330	20.449	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	70584	20.668	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	69667	20.401	ug/l	97
89) n-Butylbenzene	13.696	91	121342	20.094	ug/l	100
90) Hexachloroethane	13.959	117	26669	20.104	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	62950	20.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5048	21.741	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	34404	20.489	ug/l	99
94) Hexachlorobutadiene	15.111	225	22847	21.889	ug/l	100
95) Naphthalene	15.239	128	63483	20.604	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	30091	20.911	ug/l	98

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

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