

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011657.D
 Acq On : 01 Dec 2022 13:07
 Operator : KP/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 03:19:28 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	7.795	168	187383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	295756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	265794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	102998	54.133	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.260%			
35) Dibromofluoromethane	7.722	113	100569	55.238	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.480%			
50) Toluene-d8	10.178	98	345259	52.185	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.483	95	133126	54.422	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32391	29.173	ug/l	98
3) Chloromethane	2.119	50	35826	19.813	ug/l	100
4) Vinyl Chloride	2.253	62	40425	19.074	ug/l	98
5) Bromomethane	2.649	94	28051	18.192	ug/l	100
6) Chloroethane	2.796	64	26535	17.944	ug/l	99
7) Trichlorofluoromethane	3.131	101	69571	22.379	ug/l	93
8) Diethyl Ether	3.533	74	21711	21.608	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	39646	22.054	ug/l	95
10) Methyl Iodide	4.094	142	45443	21.697	ug/l	94
11) Tert butyl alcohol	4.935	59	34601	156.704	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	36533	22.185	ug/l	87
13) Acrolein	3.728	56	6578	131.117	ug/l	99
14) Allyl chloride	4.484	41	60628	20.973	ug/l	93
15) Acrylonitrile	5.161	53	55697	101.490	ug/l	100
16) Acetone	3.948	43	56752	91.828	ug/l	91
17) Carbon Disulfide	4.198	76	96243	21.088	ug/l	100
18) Methyl Acetate	4.478	43	33518	22.091	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	100450	21.374	ug/l	100
20) Methylene Chloride	4.716	84	65051	22.081	ug/l #	84
21) trans-1,2-Dichloroethene	5.228	96	41676	21.901	ug/l	86
22) Diisopropyl ether	6.118	45	131690	20.870	ug/l #	96
23) Vinyl Acetate	6.063	43	372604	101.371	ug/l	96
24) 1,1-Dichloroethane	6.021	63	78194	21.106	ug/l	98
25) 2-Butanone	6.984	43	78417	96.546	ug/l	94
26) 2,2-Dichloropropane	6.984	77	73381	21.460	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	48014	21.432	ug/l	94
28) Bromochloromethane	7.337	49	29457	19.791	ug/l	91
29) Tetrahydrofuran	7.350	42	45518	99.235	ug/l	93
30) Chloroform	7.508	83	81821	21.296	ug/l	100
31) Cyclohexane	7.789	56	65228	20.683	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	73685	21.439	ug/l	97
36) 1,1-Dichloropropene	7.923	75	59491	20.904	ug/l	99
37) Ethyl Acetate	7.075	43	32346	19.960	ug/l #	94
38) Carbon Tetrachloride	7.904	117	66361	20.842	ug/l	96
39) Methylcyclohexane	9.185	83	67465	21.242	ug/l	92
40) Benzene	8.161	78	174535	21.054	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15270m	18.636	ug/l	
42) 1,2-Dichloroethane	8.240	62	51590	20.122	ug/l	94
43) Isopropyl Acetate	8.270	43	57192	19.563	ug/l #	92
44) Trichloroethene	8.941	130	45986	20.617	ug/l	99
45) 1,2-Dichloropropane	9.215	63	43320	20.444	ug/l	98
46) Dibromomethane	9.307	93	23504	19.838	ug/l	99
47) Bromodichloromethane	9.496	83	60447	20.254	ug/l	98
48) Methyl methacrylate	9.294	41	25330	19.507	ug/l #	87
49) 1,4-Dioxane	9.294	88	5731	390.586	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	154793	95.248	ug/l	93
52) Toluene	10.246	92	109841	20.953	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	60808	20.383	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	69782	20.793	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	34212	20.183	ug/l	99
56) Ethyl methacrylate	10.508	69	42415	20.119	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	59045	20.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	103570	100.312	ug/l	96
59) 2-Hexanone	10.831	43	107139	92.368	ug/l	90
60) Dibromochloromethane	10.983	129	41773	20.109	ug/l	98
61) 1,2-Dibromoethane	11.087	107	31764	20.530	ug/l	98
64) Tetrachloroethene	10.721	164	45177	20.626	ug/l	96
65) Chlorobenzene	11.520	112	116060	20.853	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	44176	20.941	ug/l	98
67) Ethyl Benzene	11.593	91	209233	20.820	ug/l	99
68) m/p-Xylenes	11.703	106	161126	42.119	ug/l	97
69) o-Xylene	12.032	106	75445	21.182	ug/l	97
70) Styrene	12.044	104	128402	21.120	ug/l	97
71) Bromoform	12.209	173	25774	20.083	ug/l #	98
73) Isopropylbenzene	12.331	105	206754	21.692	ug/l	100
74) N-amyl acetate	12.142	43	46449	19.734	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.580	83	38873	20.697	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	30824m	21.718	ug/l	
77) Bromobenzene	12.611	156	47193	21.204	ug/l	97
78) n-propylbenzene	12.672	91	253550	21.805	ug/l	99
79) 2-Chlorotoluene	12.757	91	141767	21.630	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	176756	22.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	13337	20.582	ug/l	90
82) 4-Chlorotoluene	12.855	91	147170	21.475	ug/l	100
83) tert-Butylbenzene	13.074	119	150460	21.500	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	172862	21.784	ug/l	100
85) sec-Butylbenzene	13.251	105	226845	21.725	ug/l	100
86) p-Isopropyltoluene	13.367	119	188887	21.675	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	94772	20.918	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93755	20.695	ug/l	98
89) n-Butylbenzene	13.696	91	172732	21.562	ug/l	100
90) Hexachloroethane	13.958	117	36097	20.512	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	84190	20.963	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6267	20.346	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	46196	20.738	ug/l	98
94) Hexachlorobutadiene	15.110	225	29763	21.495	ug/l	96
95) Naphthalene	15.239	128	85825	20.921	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	39169	20.518	ug/l	99

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

