

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006805.D
 Acq On : 18 Nov 2021 12:18
 Operator : SY/MD
 Sample : VY1118SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 05:33:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	138742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89698	49.329	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.660%		
35) Dibromofluoromethane	7.722	113	68543	50.094	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.180%		
50) Toluene-d8	10.185	98	282824	49.950	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.900%		
62) 4-Bromofluorobenzene	12.483	95	97064	50.849	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26920	20.204	ug/l	96
3) Chloromethane	2.119	50	41913	20.910	ug/l	98
4) Vinyl Chloride	2.253	62	44400	21.818	ug/l	97
5) Bromomethane	2.643	94	26950	24.853	ug/l	95
6) Chloroethane	2.796	64	25513	20.492	ug/l	95
7) Trichlorofluoromethane	3.131	101	54886	21.521	ug/l	98
8) Diethyl Ether	3.534	74	17848	21.013	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.905	101	29027	21.430	ug/l	97
10) Methyl Iodide	4.094	142	32924	19.446	ug/l	96
11) Tert butyl alcohol	4.948	59	23736	86.798	ug/l #	72
12) 1,1-Dichloroethene	3.881	96	27888	20.760	ug/l	95
13) Acrolein	3.735	56	4748	124.115	ug/l	95
14) Allyl chloride	4.485	41	65108	21.517	ug/l	95
15) Acrylonitrile	5.173	53	49068	100.155	ug/l	99
16) Acetone	3.954	43	47328	85.665	ug/l	96
17) Carbon Disulfide	4.198	76	96964	20.448	ug/l	100
18) Methyl Acetate	4.479	43	36805	20.580	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	85234	20.129	ug/l	100
20) Methylene Chloride	4.722	84	38223	21.216	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	32540	21.203	ug/l	96
22) Diisopropyl ether	6.125	45	132566	22.204	ug/l	93
23) Vinyl Acetate	6.064	43	377974	104.841	ug/l	97
24) 1,1-Dichloroethane	6.021	63	65756	21.578	ug/l	98
25) 2-Butanone	6.990	43	69335	93.839	ug/l	96
26) 2,2-Dichloropropane	6.984	77	57658	20.939	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	36372	20.984	ug/l	93
28) Bromochloromethane	7.344	49	31272	21.816	ug/l	85
29) Tetrahydrofuran	7.350	42	45156	98.490	ug/l	93
30) Chloroform	7.508	83	62675	21.394	ug/l	99
31) Cyclohexane	7.789	56	67826	21.222	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	54868	20.323	ug/l	98
36) 1,1-Dichloropropene	7.923	75	50203	20.734	ug/l	97
37) Ethyl Acetate	7.076	43	32882	20.312	ug/l	97
38) Carbon Tetrachloride	7.905	117	49077	19.816	ug/l	98
39) Methylcyclohexane	9.185	83	59876	20.276	ug/l	96
40) Benzene	8.167	78	139876	20.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	26958m	19.832	ug/l	
42) 1,2-Dichloroethane	8.240	62	45911	20.217	ug/l	99
43) Isopropyl Acetate	8.277	43	59253	19.512	ug/l	99
44) Trichloroethene	8.947	130	33545	20.229	ug/l	93
45) 1,2-Dichloropropane	9.222	63	37784	21.485	ug/l	99
46) Dibromomethane	9.307	93	18264	19.939	ug/l	95
47) Bromodichloromethane	9.502	83	48072	20.666	ug/l	99
48) Methyl methacrylate	9.295	41	27110	18.842	ug/l	96
49) 1,4-Dioxane	9.301	88	4278	407.026	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	155241	97.050	ug/l	98
52) Toluene	10.246	92	84477	20.409	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	51261	20.273	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	58272	20.549	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	25305	20.694	ug/l	92
56) Ethyl methacrylate	10.514	69	38069	20.028	ug/l	98
57) 1,3-Dichloropropane	10.794	76	47208	21.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	102746	98.732	ug/l	96
59) 2-Hexanone	10.831	43	105331	105.004	ug/l	99
60) Dibromochloromethane	10.983	129	29366	19.591	ug/l	98
61) 1,2-Dibromoethane	11.087	107	23679	20.901	ug/l	97
64) Tetrachloroethene	10.721	164	28671	18.296	ug/l	93
65) Chlorobenzene	11.520	112	89002	20.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	33180	20.336	ug/l	99
67) Ethyl Benzene	11.593	91	166089	20.084	ug/l	100
68) m/p-Xylenes	11.703	106	128338	40.720	ug/l	97
69) o-Xylene	12.032	106	58164	19.481	ug/l	98
70) Styrene	12.044	104	97155	19.267	ug/l	99
71) Bromoform	12.209	173	18326	18.557	ug/l #	98
73) Isopropylbenzene	12.331	105	155324	20.552	ug/l	99
74) N-amyl acetate	12.142	43	52896	21.253	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	30197	21.595	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	24604m	22.803	ug/l	
77) Bromobenzene	12.611	156	35041	20.358	ug/l	93
78) n-propylbenzene	12.672	91	194925	21.157	ug/l	99
79) 2-Chlorotoluene	12.758	91	108113	21.443	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	129951	20.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11437	21.003	ug/l	94
82) 4-Chlorotoluene	12.855	91	114238	21.675	ug/l	96
83) tert-Butylbenzene	13.075	119	111401	20.707	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	129414	20.926	ug/l	98
85) sec-Butylbenzene	13.251	105	170846	21.324	ug/l	98
86) p-Isopropyltoluene	13.367	119	139095	20.509	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	68614	20.017	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	68381	20.215	ug/l	98
89) n-Butylbenzene	13.696	91	138936	21.710	ug/l	99
90) Hexachloroethane	13.959	117	26143	21.389	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	61105	20.684	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5128	20.746	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	37420	19.362	ug/l	98
94) Hexachlorobutadiene	15.111	225	24797	19.664	ug/l	99
95) Naphthalene	15.239	128	68566	19.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	31900	19.808	ug/l	98

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

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