

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011503.D
 Acq On : 18 Nov 2022 15:49
 Operator : KP/MD
 Sample : VY1118SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 22:41:09 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	190721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92631	47.832	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.660%		
35) Dibromofluoromethane	7.722	113	88792	47.809	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.620%		
50) Toluene-d8	10.179	98	314317	46.572	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.140%		
62) 4-Bromofluorobenzene	12.483	95	118075	47.319	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31390	27.378	ug/l	99
3) Chloromethane	2.119	50	41753	23.391	ug/l	98
4) Vinyl Chloride	2.253	62	48573	22.517	ug/l	97
5) Bromomethane	2.650	94	34794	23.119	ug/l	99
6) Chloroethane	2.796	64	32040	21.288	ug/l	96
7) Trichlorofluoromethane	3.131	101	69675	22.020	ug/l	93
8) Diethyl Ether	3.528	74	22840	22.334	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	40430	22.096	ug/l	94
10) Methyl Iodide	4.095	142	46019	21.587	ug/l	93
11) Tert butyl alcohol	4.942	59	38060	172.100	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	36846	21.984	ug/l	96
13) Acrolein	3.729	56	7890	154.516	ug/l	98
14) Allyl chloride	4.479	41	65860	22.384	ug/l	95
15) Acrylonitrile	5.161	53	62347	111.619	ug/l	99
16) Acetone	3.948	43	65446	104.042	ug/l	91
17) Carbon Disulfide	4.198	76	103538	22.289	ug/l	100
18) Methyl Acetate	4.479	43	36587	23.878	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	106046	22.170	ug/l	99
20) Methylene Chloride	4.716	84	73271	25.907	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	42871	22.135	ug/l	89
22) Diisopropyl ether	6.125	45	143674	22.371	ug/l	94
23) Vinyl Acetate	6.064	43	419384	112.101	ug/l	98
24) 1,1-Dichloroethane	6.021	63	80652	21.388	ug/l	99
25) 2-Butanone	6.984	43	92416	111.790	ug/l	94
26) 2,2-Dichloropropane	6.984	77	73168	21.024	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	48631	21.328	ug/l	96
28) Bromochloromethane	7.332	49	31391	20.722	ug/l	94
29) Tetrahydrofuran	7.350	42	52406	112.252	ug/l	95
30) Chloroform	7.509	83	83216	21.280	ug/l	96
31) Cyclohexane	7.789	56	69425	21.628	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	73655	21.055	ug/l	98
36) 1,1-Dichloropropene	7.917	75	61554	21.203	ug/l	99
37) Ethyl Acetate	7.082	43	37124	22.457	ug/l	97
38) Carbon Tetrachloride	7.905	117	66830	20.576	ug/l	98
39) Methylcyclohexane	9.185	83	70999	21.915	ug/l	96
40) Benzene	8.161	78	179232	21.194	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	17360m	20.770	ug/l	
42) 1,2-Dichloroethane	8.240	62	54629	20.888	ug/l	92
43) Isopropyl Acetate	8.277	43	65431	21.940	ug/l	95
44) Trichloroethene	8.941	130	46890	20.608	ug/l	99
45) 1,2-Dichloropropane	9.216	63	46162	21.356	ug/l	94
46) Dibromomethane	9.307	93	25586	21.170	ug/l	97
47) Bromodichloromethane	9.496	83	62632	20.573	ug/l	99
48) Methyl methacrylate	9.295	41	28488	21.506	ug/l	90
49) 1,4-Dioxane	9.295	88	6467	432.066	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	179133	108.054	ug/l	94
52) Toluene	10.246	92	113330	21.192	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	63663	20.920	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	72193	21.088	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	36320	21.005	ug/l	97
56) Ethyl methacrylate	10.514	69	46088	21.431	ug/l	89
57) 1,3-Dichloropropane	10.788	76	63325	21.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	115581	109.741	ug/l	99
59) 2-Hexanone	10.831	43	127689	107.917	ug/l	94
60) Dibromochloromethane	10.984	129	43951	20.741	ug/l	99
61) 1,2-Dibromoethane	11.093	107	33734	21.373	ug/l	99
64) Tetrachloroethene	10.721	164	47184	20.765	ug/l	96
65) Chlorobenzene	11.520	112	120599	20.886	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	45427	20.757	ug/l	97
67) Ethyl Benzene	11.593	91	216216	20.739	ug/l	99
68) m/p-Xylenes	11.703	106	169089	42.605	ug/l	96
69) o-Xylene	12.032	106	79760	21.586	ug/l	95
70) Styrene	12.044	104	132477	21.004	ug/l	97
71) Bromoform	12.209	173	27639	20.759	ug/l #	98
73) Isopropylbenzene	12.331	105	215768	20.961	ug/l	99
74) N-amyl acetate	12.142	43	54544	21.458	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	42446	20.926	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	29076m	18.969	ug/l	
77) Bromobenzene	12.611	156	49306	20.514	ug/l	99
78) n-propylbenzene	12.672	91	264043	21.026	ug/l	99
79) 2-Chlorotoluene	12.758	91	147357	20.819	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	184348	21.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14385	20.556	ug/l	94
82) 4-Chlorotoluene	12.855	91	154237	20.840	ug/l	100
83) tert-Butylbenzene	13.075	119	159731	21.134	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	182141	21.253	ug/l	99
85) sec-Butylbenzene	13.258	105	237109	21.026	ug/l	100
86) p-Isopropyltoluene	13.373	119	199709	21.220	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	101369	20.718	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	100533	20.548	ug/l	99
89) n-Butylbenzene	13.696	91	183660	21.229	ug/l	100
90) Hexachloroethane	13.965	117	38245	20.124	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	89971	20.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6811	20.475	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	51106	21.244	ug/l	99
94) Hexachlorobutadiene	15.117	225	32582	21.789	ug/l	100
95) Naphthalene	15.239	128	94924	21.329	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	43126	20.918	ug/l	98

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

