

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011540.D
 Acq On : 22 Nov 2022 11:43
 Operator : KP/MD
 Sample : VY1122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 04:06:17 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	192238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	307262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	101717	52.110	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.220%			
35) Dibromofluoromethane	7.716	113	98185	51.909	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.820%			
50) Toluene-d8	10.179	98	344950	50.186	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.483	95	131689	51.819	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29648	25.130	ug/l	97
3) Chloromethane	2.113	50	40915	22.606	ug/l	100
4) Vinyl Chloride	2.253	62	48064	22.105	ug/l	98
5) Bromomethane	2.650	94	32773	21.320	ug/l	95
6) Chloroethane	2.796	64	29864	19.686	ug/l	98
7) Trichlorofluoromethane	3.125	101	71524	22.426	ug/l	94
8) Diethyl Ether	3.534	74	22875	22.192	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	41393	22.444	ug/l	94
10) Methyl Iodide	4.095	142	43571	20.278	ug/l	93
11) Tert butyl alcohol	4.954	59	24062	95.259	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	37810	22.381	ug/l	89
13) Acrolein	3.729	56	7930	154.074	ug/l	97
14) Allyl chloride	4.485	41	67486	22.756	ug/l	94
15) Acrylonitrile	5.161	53	64521	114.599	ug/l	97
16) Acetone	3.948	43	66892	105.502	ug/l	92
17) Carbon Disulfide	4.198	76	106363	22.717	ug/l	98
18) Methyl Acetate	4.479	43	38641	25.143	ug/l	97
19) Methyl tert-butyl Ether	5.229	73	109033	22.614	ug/l	98
20) Methylene Chloride	4.716	84	57433	17.081	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	43072	22.063	ug/l	91
22) Diisopropyl ether	6.119	45	147002	22.708	ug/l	97
23) Vinyl Acetate	6.064	43	428850	113.727	ug/l	96
24) 1,1-Dichloroethane	6.021	63	83069	21.855	ug/l	99
25) 2-Butanone	6.984	43	92174	110.618	ug/l	95
26) 2,2-Dichloropropane	6.984	77	72550	20.682	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	50433	21.944	ug/l	94
28) Bromochloromethane	7.338	49	32653	21.385	ug/l	96
29) Tetrahydrofuran	7.350	42	54879	116.621	ug/l	95
30) Chloroform	7.509	83	84454	21.426	ug/l	100
31) Cyclohexane	7.789	56	71475	22.091	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	74793	21.211	ug/l	98
36) 1,1-Dichloropropene	7.923	75	62570	21.162	ug/l	100
37) Ethyl Acetate	7.076	43	38253	22.721	ug/l	97
38) Carbon Tetrachloride	7.905	117	66632	20.143	ug/l	99
39) Methylcyclohexane	9.185	83	72630	22.012	ug/l	94
40) Benzene	8.161	78	181279	21.048	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	18353	21.560	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	55425	20.808	ug/l	94
43) Isopropyl Acetate	8.277	43	65479	21.559	ug/l	93
44) Trichloroethene	8.941	130	47921	20.680	ug/l	98
45) 1,2-Dichloropropane	9.216	63	46064	20.925	ug/l	98
46) Dibromomethane	9.307	93	26106	21.209	ug/l	96
47) Bromodichloromethane	9.496	83	65006	20.966	ug/l	99
48) Methyl methacrylate	9.295	41	31398	23.274	ug/l	91
49) 1,4-Dioxane	9.301	88	6126	401.872	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	184864	109.492	ug/l	95
52) Toluene	10.246	92	115087	21.131	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	64711	20.879	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	73674	21.131	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	37596	21.349	ug/l	96
56) Ethyl methacrylate	10.508	69	46843	21.388	ug/l	88
57) 1,3-Dichloropropane	10.788	76	62811	21.060	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	117361	109.413	ug/l	98
59) 2-Hexanone	10.831	43	132616	110.052	ug/l	94
60) Dibromochloromethane	10.984	129	43670	20.235	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34529	21.481	ug/l	99
64) Tetrachloroethene	10.721	164	46967	20.523	ug/l	98
65) Chlorobenzene	11.520	112	121084	20.822	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	45440	20.616	ug/l	96
67) Ethyl Benzene	11.593	91	219253	20.881	ug/l	100
68) m/p-Xylenes	11.703	106	169422	42.387	ug/l	99
69) o-Xylene	12.032	106	79628	21.397	ug/l	96
70) Styrene	12.044	104	134328	21.147	ug/l	97
71) Bromoform	12.209	173	28310	21.113	ug/l #	97
73) Isopropylbenzene	12.331	105	215657	21.004	ug/l	99
74) N-amyl acetate	12.142	43	55997	22.086	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	42983	21.245	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	28561m	18.681	ug/l	
77) Bromobenzene	12.611	156	48373	20.177	ug/l	97
78) n-propylbenzene	12.672	91	266900	21.308	ug/l	100
79) 2-Chlorotoluene	12.758	91	147936	20.954	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	185074	21.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15129	21.674	ug/l	90
82) 4-Chlorotoluene	12.855	91	157585	21.347	ug/l	98
83) tert-Butylbenzene	13.075	119	156730	20.790	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	180844	21.156	ug/l	100
85) sec-Butylbenzene	13.251	105	239155	21.262	ug/l	99
86) p-Isopropyltoluene	13.367	119	197102	20.997	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	99557	20.400	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	100294	20.552	ug/l	98
89) n-Butylbenzene	13.697	91	184596	21.391	ug/l	99
90) Hexachloroethane	13.959	117	38039	20.067	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	88009	20.344	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6803	20.503	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	50528	21.057	ug/l	99
94) Hexachlorobutadiene	15.111	225	32218	21.600	ug/l	98
95) Naphthalene	15.239	128	96787	21.714	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	42923	20.873	ug/l	98

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

