

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006781.D
 Acq On : 17 Nov 2021 12:22
 Operator : SY/MD
 Sample : VY1117SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 03:00:51 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	7.801	168	114681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	166639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74892	49.827	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.660%		
35) Dibromofluoromethane	7.728	113	54016	48.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.000%		
50) Toluene-d8	10.185	98	230537	50.019	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.040%		
62) 4-Bromofluorobenzene	12.483	95	76079	48.963	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21757	19.755	ug/l	98
3) Chloromethane	2.119	50	33591	20.274	ug/l	93
4) Vinyl Chloride	2.260	62	34030	20.230	ug/l	98
5) Bromomethane	2.650	94	21191	23.642	ug/l	99
6) Chloroethane	2.802	64	21809	21.193	ug/l	99
7) Trichlorofluoromethane	3.137	101	45240	21.460	ug/l	98
8) Diethyl Ether	3.540	74	14957	21.304	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	23306	20.816	ug/l	99
10) Methyl Iodide	4.107	142	28063	20.052	ug/l	100
11) Tert butyl alcohol	4.954	59	20707	91.608	ug/l #	91
12) 1,1-Dichloroethene	3.887	96	22818	20.549	ug/l	96
13) Acrolein	3.735	56	3965	125.393	ug/l	97
14) Allyl chloride	4.497	41	49468	19.778	ug/l	99
15) Acrylonitrile	5.174	53	42327	104.522	ug/l	99
16) Acetone	3.960	43	41105	90.012	ug/l	99
17) Carbon Disulfide	4.210	76	79331	20.240	ug/l	100
18) Methyl Acetate	4.491	43	30292	20.492	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	72400	20.685	ug/l	97
20) Methylene Chloride	4.729	84	30543	20.388	ug/l	93
21) trans-1,2-Dichloroethene	5.235	96	26031	20.520	ug/l	95
22) Diisopropyl ether	6.131	45	104350	21.145	ug/l	98
23) Vinyl Acetate	6.076	43	310951	104.347	ug/l	98
24) 1,1-Dichloroethane	6.033	63	52171	20.712	ug/l	99
25) 2-Butanone	7.003	43	58419	95.432	ug/l	94
26) 2,2-Dichloropropane	6.996	77	47768	20.987	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	29907	20.875	ug/l	95
28) Bromochloromethane	7.344	49	24326	20.531	ug/l	91
29) Tetrahydrofuran	7.356	42	38547	101.715	ug/l	93
30) Chloroform	7.515	83	51182	21.136	ug/l	99
31) Cyclohexane	7.795	56	53973	20.431	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	47182	21.142	ug/l	99
36) 1,1-Dichloropropene	7.929	75	40326	20.460	ug/l	98
37) Ethyl Acetate	7.088	43	26905	20.417	ug/l	100
38) Carbon Tetrachloride	7.911	117	42767	21.214	ug/l	98
39) Methylcyclohexane	9.191	83	48250	20.073	ug/l	95
40) Benzene	8.167	78	113916	20.531	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	22540m	20.371	ug/l	
42) 1,2-Dichloroethane	8.246	62	40259	21.779	ug/l	100
43) Isopropyl Acetate	8.283	43	49772	20.135	ug/l	99
44) Trichloroethene	8.947	130	27835	20.622	ug/l	95
45) 1,2-Dichloropropane	9.222	63	29307	20.472	ug/l	93
46) Dibromomethane	9.313	93	15300	20.520	ug/l	94
47) Bromodichloromethane	9.502	83	38443	20.303	ug/l	94
48) Methyl methacrylate	9.301	41	19662	16.788	ug/l	98
49) 1,4-Dioxane	9.307	88	3202	374.264	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	119998	92.159	ug/l	99
52) Toluene	10.252	92	70853	21.029	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	42315	20.559	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	46168	20.001	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	21250	21.348	ug/l	98
56) Ethyl methacrylate	10.514	69	30795	19.904	ug/l	92
57) 1,3-Dichloropropane	10.795	76	37978	20.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	80591	95.138	ug/l	95
59) 2-Hexanone	10.837	43	90550	109.560	ug/l	98
60) Dibromochloromethane	10.990	129	25033	20.517	ug/l	100
61) 1,2-Dibromoethane	11.093	107	19208	20.828	ug/l	99
64) Tetrachloroethene	10.721	164	27697	22.745	ug/l	97
65) Chlorobenzene	11.520	112	70576	20.817	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	25892	20.422	ug/l	97
67) Ethyl Benzene	11.599	91	136973	21.315	ug/l	99
68) m/p-Xylenes	11.709	106	102794	41.973	ug/l	100
69) o-Xylene	12.032	106	48741	21.008	ug/l	100
70) Styrene	12.050	104	81475	20.793	ug/l	99
71) Bromoform	12.215	173	15758	20.534	ug/l #	100
73) Isopropylbenzene	12.331	105	128742	20.567	ug/l	100
74) N-amyl acetate	12.148	43	44651	21.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	24857	21.462	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17975m	20.114	ug/l	
77) Bromobenzene	12.611	156	29913	20.983	ug/l	97
78) n-propylbenzene	12.672	91	163623	21.442	ug/l	99
79) 2-Chlorotoluene	12.758	91	89765	21.496	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	109651	21.373	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9559	21.194	ug/l	96
82) 4-Chlorotoluene	12.855	91	95142	21.796	ug/l	97
83) tert-Butylbenzene	13.075	119	97130	21.798	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	108339	21.151	ug/l	98
85) sec-Butylbenzene	13.258	105	141133	21.269	ug/l	100
86) p-Isopropyltoluene	13.373	119	119031	21.190	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	59456	20.942	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	58434	20.857	ug/l	98
89) n-Butylbenzene	13.696	91	113772	21.464	ug/l	99
90) Hexachloroethane	13.965	117	21459	21.197	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	51244	20.944	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4456	21.766	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	32500	20.304	ug/l	99
94) Hexachlorobutadiene	15.111	225	21799	20.872	ug/l	98
95) Naphthalene	15.239	128	59568	20.117	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	27243	20.424	ug/l	98

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

