

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006647.D
 Acq On : 05 Nov 2021 11:19
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Quant Time: Nov 06 20:35:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	137962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	218153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85149	50.155	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.320%			
35) Dibromofluoromethane	7.728	113	66289	54.517	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.040%			
50) Toluene-d8	10.185	98	284001	55.098	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.200%			
62) 4-Bromofluorobenzene	12.483	95	92194	53.097	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	23588	18.496	ug/l	100
3) Chloromethane	2.125	50	32699	18.996	ug/l	98
4) Vinyl Chloride	2.260	62	36299	18.881	ug/l	97
5) Bromomethane	2.656	94	22340	17.443	ug/l	92
6) Chloroethane	2.802	64	21240	18.710	ug/l	98
7) Trichlorofluoromethane	3.137	101	47392	19.414	ug/l	98
8) Diethyl Ether	3.540	74	14791	18.501	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	25618	20.613	ug/l	97
10) Methyl Iodide	4.107	142	20879	18.869	ug/l	98
11) Tert butyl alcohol	4.960	59	10741	69.642	ug/l #	87
12) 1,1-Dichloroethene	3.887	96	25073	20.130	ug/l	99
13) Acrolein	3.741	56	8579	80.461	ug/l	99
14) Allyl chloride	4.491	41	55954	21.826	ug/l	97
15) Acrylonitrile	5.174	53	37695	83.729	ug/l	99
16) Acetone	3.954	43	38398	78.548	ug/l	94
17) Carbon Disulfide	4.204	76	75616	18.509	ug/l	98
18) Methyl Acetate	4.485	43	28966	18.273	ug/l	97
19) Methyl tert-butyl Ether	5.229	73	71079	17.800	ug/l	94
20) Methylene Chloride	4.729	84	36276	21.618	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	28198	19.964	ug/l	95
22) Diisopropyl ether	6.131	45	118248	23.144	ug/l	95
23) Vinyl Acetate	6.070	43	294902	94.900	ug/l	98
24) 1,1-Dichloroethane	6.027	63	59825	22.393	ug/l	97
25) 2-Butanone	6.990	43	52750	82.365	ug/l	92
26) 2,2-Dichloropropane	6.996	77	52043	20.481	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	33079	20.514	ug/l	94
28) Bromochloromethane	7.344	49	26105	24.084	ug/l	88
29) Tetrahydrofuran	7.350	42	32920	83.784	ug/l	94
30) Chloroform	7.515	83	56447	20.460	ug/l	97
31) Cyclohexane	7.795	56	57809	21.033	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	51706	20.297	ug/l	98
36) 1,1-Dichloropropene	7.923	75	44512	20.650	ug/l	97
37) Ethyl Acetate	7.082	43	22873	16.767	ug/l	99
38) Carbon Tetrachloride	7.905	117	45168	18.995	ug/l	99
39) Methylcyclohexane	9.191	83	50459	19.230	ug/l	98
40) Benzene	8.167	78	125210	20.366	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	12482	16.125	ug/l #	44
42) 1,2-Dichloroethane	8.246	62	39560	18.019	ug/l	99
43) Isopropyl Acetate	8.277	43	44388	16.773	ug/l	97
44) Trichloroethene	8.947	130	31413	19.812	ug/l	96
45) 1,2-Dichloropropane	9.222	63	33178	21.788	ug/l	99
46) Dibromomethane	9.307	93	15304	18.309	ug/l	96
47) Bromodichloromethane	9.502	83	43120	19.830	ug/l	95
48) Methyl methacrylate	9.295	41	21133	17.230	ug/l	93
49) 1,4-Dioxane	9.301	88	3287	289.651	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	115661	83.374	ug/l	98
52) Toluene	10.246	92	75541	19.584	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	43462	18.554	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	49484	19.497	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	20999	18.169	ug/l	96
56) Ethyl methacrylate	10.514	69	30294	16.967	ug/l	97
57) 1,3-Dichloropropane	10.795	76	37549	17.877	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	74171	91.062	ug/l	97
59) 2-Hexanone	10.837	43	70868	70.584	ug/l	97
60) Dibromochloromethane	10.990	129	26356	18.488	ug/l	96
61) 1,2-Dibromoethane	11.093	107	19358	17.790	ug/l	96
64) Tetrachloroethene	10.721	164	38679	21.933	ug/l	96
65) Chlorobenzene	11.520	112	78064	19.889	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	28584	19.345	ug/l	99
67) Ethyl Benzene	11.599	91	147751	19.769	ug/l	99
68) m/p-Xylenes	11.709	106	108797	38.695	ug/l	98
69) o-Xylene	12.032	106	51974	19.373	ug/l	99
70) Styrene	12.044	104	87461	19.067	ug/l	100
71) Bromoform	12.209	173	14539	15.566	ug/l #	99
73) Isopropylbenzene	12.331	105	143311	21.979	ug/l	99
74) N-amyl acetate	12.148	43	39054	18.055	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	20642	18.286	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	18515m	19.275	ug/l	
77) Bromobenzene	12.611	156	31216	20.320	ug/l	95
78) n-propylbenzene	12.672	91	179445	22.269	ug/l	99
79) 2-Chlorotoluene	12.758	91	98992	22.190	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	119503	21.888	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	8102	17.316	ug/l	97
82) 4-Chlorotoluene	12.855	91	100649	21.652	ug/l	98
83) tert-Butylbenzene	13.081	119	103274	22.012	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	114647	21.001	ug/l	99
85) sec-Butylbenzene	13.258	105	157257	22.322	ug/l	99
86) p-Isopropyltoluene	13.373	119	130339	21.687	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	62082	20.135	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	61369	20.243	ug/l	98
89) n-Butylbenzene	13.703	91	124871	22.087	ug/l	99
90) Hexachloroethane	13.965	117	24428	22.505	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	54181	20.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3621	15.110	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	31107	17.424	ug/l	97
94) Hexachlorobutadiene	15.117	225	23216	20.290	ug/l	97
95) Naphthalene	15.239	128	48820	13.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25361	16.222	ug/l	99

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

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