

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006648.D
 Acq On : 05 Nov 2021 11:42
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 06 20:36:17 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

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	140869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	226065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89122	51.412	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.820%			
35) Dibromofluoromethane	7.728	113	64992	51.580	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.160%			
50) Toluene-d8	10.185	98	281614	52.723	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.483	95	93342	51.877	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	22048	16.932	ug/l	99
3) Chloromethane	2.119	50	32597	18.546	ug/l	100
4) Vinyl Chloride	2.259	62	36200	18.441	ug/l	98
5) Bromomethane	2.650	94	23845	18.233	ug/l	100
6) Chloroethane	2.802	64	20593	17.766	ug/l	95
7) Trichlorofluoromethane	3.137	101	45446	18.233	ug/l	97
8) Diethyl Ether	3.540	74	16436	20.135	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	26215	20.658	ug/l	99
10) Methyl Iodide	4.107	142	22376	19.554	ug/l	98
11) Tert butyl alcohol	4.960	59	13923	88.411	ug/l #	85
12) 1,1-Dichloroethene	3.887	96	25251	19.855	ug/l	96
13) Acrolein	3.741	56	9917	91.090	ug/l	100
14) Allyl chloride	4.497	41	59183	22.610	ug/l	95
15) Acrylonitrile	5.174	53	46121	100.331	ug/l	99
16) Acetone	3.954	43	46326	92.810	ug/l	100
17) Carbon Disulfide	4.210	76	75750	18.159	ug/l	99
18) Methyl Acetate	4.491	43	34270	21.173	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	81732	20.045	ug/l	100
20) Methylene Chloride	4.735	84	37558	21.981	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	28411	19.699	ug/l	98
22) Diisopropyl ether	6.131	45	124380	23.842	ug/l	95
23) Vinyl Acetate	6.076	43	340162	107.206	ug/l	96
24) 1,1-Dichloroethane	6.033	63	61020	22.369	ug/l	98
25) 2-Butanone	6.996	43	66972	102.414	ug/l	97
26) 2,2-Dichloropropane	6.996	77	53603	20.660	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	32884	19.972	ug/l	93
28) Bromochloromethane	7.344	49	28944	26.152	ug/l	88
29) Tetrahydrofuran	7.356	42	42014	104.722	ug/l	93
30) Chloroform	7.515	83	58888	20.904	ug/l	99
31) Cyclohexane	7.795	56	58635	20.894	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	52346	20.124	ug/l	98
36) 1,1-Dichloropropene	7.923	75	44281	19.824	ug/l	98
37) Ethyl Acetate	7.082	43	28352	20.056	ug/l	99
38) Carbon Tetrachloride	7.911	117	45190	18.339	ug/l	100
39) Methylcyclohexane	9.191	83	51741	19.029	ug/l	97
40) Benzene	8.167	78	128805	20.218	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13690m	17.067	ug/l	
42) 1,2-Dichloroethane	8.246	62	42740	18.786	ug/l	99
43) Isopropyl Acetate	8.283	43	55711	20.315	ug/l	99
44) Trichloroethene	8.947	130	32497	19.779	ug/l	97
45) 1,2-Dichloropropane	9.222	63	34338	21.760	ug/l	96
46) Dibromomethane	9.313	93	17015	19.643	ug/l	96
47) Bromodichloromethane	9.502	83	45079	20.005	ug/l	99
48) Methyl methacrylate	9.301	41	24983	19.656	ug/l	95
49) 1,4-Dioxane	9.307	88	3949	335.808	ug/l #	87
51) 4-Methyl-2-Pentanone	10.075	43	145698	101.351	ug/l	98
52) Toluene	10.246	92	77423	19.369	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	48172	19.844	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	53850	20.475	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	24159	20.172	ug/l	92
56) Ethyl methacrylate	10.514	69	35394	19.129	ug/l	95
57) 1,3-Dichloropropane	10.795	76	44094	20.258	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	84937	100.630	ug/l	96
59) 2-Hexanone	10.837	43	103243	99.231	ug/l	100
60) Dibromochloromethane	10.990	129	28594	19.356	ug/l	98
61) 1,2-Dibromoethane	11.093	107	21926	19.445	ug/l	99
64) Tetrachloroethene	10.727	164	37108	20.504	ug/l	96
65) Chlorobenzene	11.520	112	80194	19.908	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	29913	19.726	ug/l	99
67) Ethyl Benzene	11.599	91	153178	19.971	ug/l	99
68) m/p-Xylenes	11.703	106	113557	39.354	ug/l	99
69) o-Xylene	12.032	106	53898	19.576	ug/l	97
70) Styrene	12.044	104	92217	19.589	ug/l	99
71) Bromoform	12.209	173	17555	18.314	ug/l #	100
73) Isopropylbenzene	12.331	105	147119	20.811	ug/l	98
74) N-amyl acetate	12.148	43	48712	20.772	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	24024	19.630	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21594m	20.736	ug/l	
77) Bromobenzene	12.611	156	33168	19.915	ug/l	94
78) n-propylbenzene	12.672	91	185773	21.265	ug/l	99
79) 2-Chlorotoluene	12.758	91	104902	21.689	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	122367	20.673	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	10499	20.698	ug/l	92
82) 4-Chlorotoluene	12.855	91	107289	21.289	ug/l	96
83) tert-Butylbenzene	13.081	119	106887	21.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	122774	20.744	ug/l	100
85) sec-Butylbenzene	13.258	105	163118	21.357	ug/l	98
86) p-Isopropyltoluene	13.373	119	133358	20.467	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	66500	19.894	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	65732	20.000	ug/l	99
89) n-Butylbenzene	13.696	91	131950	21.528	ug/l	98
90) Hexachloroethane	13.965	117	25109	21.337	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	57623	19.654	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4675	17.993	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	35136	18.153	ug/l	97
94) Hexachlorobutadiene	15.111	225	24165	19.480	ug/l	98
95) Naphthalene	15.239	128	62802	16.577	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	29941	17.665	ug/l	99

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

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