

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006572.D
 Acq On : 02 Nov 2021 13:06
 Operator : SY/MD
 Sample : VY1102SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

Quant Time: Nov 03 02:00:50 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	149518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	220893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	92025	50.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.728	113	67799	50.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.700%	
50) Toluene-d8	10.184	98	288297	51.011	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.483	95	97247	51.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	24579	17.784	ug/l	96
3) Chloromethane	2.119	50	35084	18.806	ug/l	99
4) Vinyl Chloride	2.259	62	39055	18.745	ug/l	95
5) Bromomethane	2.649	94	26625	19.182	ug/l	96
6) Chloroethane	2.802	64	21588	17.547	ug/l	90
7) Trichlorofluoromethane	3.131	101	50760	19.187	ug/l	98
8) Diethyl Ether	3.539	74	17317	19.987	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.911	101	28533	21.184	ug/l	97
10) Methyl Iodide	4.106	142	23905	19.649	ug/l	98
11) Tert butyl alcohol	4.972	59	14276	85.408	ug/l #	72
12) 1,1-Dichloroethene	3.881	96	27001	20.003	ug/l	94
13) Acrolein	3.740	56	10460	90.520	ug/l	99
14) Allyl chloride	4.490	41	62433	22.471	ug/l	95
15) Acrylonitrile	5.173	53	49160	100.756	ug/l	99
16) Acetone	3.954	43	48089	90.769	ug/l	97
17) Carbon Disulfide	4.204	76	81918	18.502	ug/l	96
18) Methyl Acetate	4.484	43	36073	20.997	ug/l	95
19) Methyl tert-butyl Ether	5.234	73	85955	19.861	ug/l	99
20) Methylene Chloride	4.728	84	41846	23.292	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	29647	19.367	ug/l	95
22) Diisopropyl ether	6.130	45	130053	23.487	ug/l	94
23) Vinyl Acetate	6.069	43	363429	107.913	ug/l	99
24) 1,1-Dichloroethane	6.033	63	63038	21.772	ug/l	99
25) 2-Butanone	6.996	43	69412	100.005	ug/l	96
26) 2,2-Dichloropropane	6.990	77	56244	20.424	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	35233	20.161	ug/l	94
28) Bromochloromethane	7.344	49	29821	25.386	ug/l	87
29) Tetrahydrofuran	7.356	42	43645	102.494	ug/l	93
30) Chloroform	7.514	83	61503	20.569	ug/l	98
31) Cyclohexane	7.789	56	61886	20.777	ug/l	95
32) 1,1,1-Trichloroethane	7.709	97	54361	19.689	ug/l	99
36) 1,1-Dichloropropene	7.923	75	47169	19.958	ug/l	98
37) Ethyl Acetate	7.081	43	30805	20.595	ug/l	99
38) Carbon Tetrachloride	7.904	117	47165	18.090	ug/l	96
39) Methylcyclohexane	9.185	83	54676	19.004	ug/l	94
40) Benzene	8.167	78	134190	19.907	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18273m	21.530	ug/l	
42) 1,2-Dichloroethane	8.246	62	44776	18.601	ug/l	98
43) Isopropyl Acetate	8.282	43	59043	20.348	ug/l	99
44) Trichloroethene	8.947	130	34100	19.615	ug/l	95
45) 1,2-Dichloropropane	9.221	63	35970	21.543	ug/l	99
46) Dibromomethane	9.307	93	17655	19.263	ug/l	95
47) Bromodichloromethane	9.502	83	47658	19.989	ug/l	98
48) Methyl methacrylate	9.294	41	26308	19.562	ug/l	95
49) 1,4-Dioxane	9.300	88	3909	314.161	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	154417	101.520	ug/l	98
52) Toluene	10.245	92	81488	19.267	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	50240	19.560	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	56440	20.282	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	25014	19.740	ug/l	93
56) Ethyl methacrylate	10.514	69	37768	19.292	ug/l	99
57) 1,3-Dichloropropane	10.794	76	45979	19.965	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	102182	114.417	ug/l	96
59) 2-Hexanone	10.837	43	110388	100.274	ug/l	99
60) Dibromochloromethane	10.989	129	29434	18.831	ug/l	98
61) 1,2-Dibromoethane	11.093	107	22639	18.976	ug/l	99
64) Tetrachloroethene	10.721	164	38351	19.856	ug/l	96
65) Chlorobenzene	11.520	112	84189	19.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	31044	19.183	ug/l	98
67) Ethyl Benzene	11.593	91	158859	19.406	ug/l	99
68) m/p-Xylenes	11.702	106	118159	38.369	ug/l	100
69) o-Xylene	12.032	106	55479	18.880	ug/l	98
70) Styrene	12.044	104	95000	18.909	ug/l	98
71) Bromoform	12.209	173	18132	17.725	ug/l #	98
73) Isopropylbenzene	12.330	105	152894	20.115	ug/l	99
74) N-amyl acetate	12.141	43	51342	20.362	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.586	83	26078	19.817	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	20726m	18.510	ug/l	
77) Bromobenzene	12.611	156	34297	19.152	ug/l	93
78) n-propylbenzene	12.672	91	193046	20.551	ug/l	98
79) 2-Chlorotoluene	12.757	91	107814	20.732	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	126435	19.865	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	10832	19.860	ug/l	94
82) 4-Chlorotoluene	12.855	91	109932	20.287	ug/l	98
83) tert-Butylbenzene	13.074	119	110753	20.250	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	128380	20.173	ug/l	98
85) sec-Butylbenzene	13.257	105	167939	20.450	ug/l	99
86) p-Isopropyltoluene	13.373	119	138860	19.820	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	69159	19.242	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	69229	19.590	ug/l	99
89) n-Butylbenzene	13.696	91	135769	20.601	ug/l	99
90) Hexachloroethane	13.964	117	26127	20.648	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	60245	19.110	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5172	18.514	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	38295	18.401	ug/l	98
94) Hexachlorobutadiene	15.117	225	25227	18.913	ug/l	99
95) Naphthalene	15.238	128	69503	17.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	32667	17.924	ug/l	97

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

