

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006473.D
 Acq On : 26 Oct 2021 11:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 27 05:16:28 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 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	144014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	93252	52.620	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.240%			
35) Dibromofluoromethane	7.722	113	65091	53.140	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.280%			
50) Toluene-d8	10.185	98	279254	53.780	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.560%			
62) 4-Bromofluorobenzene	12.483	95	95055	54.344	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	59984	45.059	ug/l	97
3) Chloromethane	2.119	50	82752	46.053	ug/l	99
4) Vinyl Chloride	2.259	62	92495	46.091	ug/l	97
5) Bromomethane	2.649	94	61747	46.185	ug/l	100
6) Chloroethane	2.796	64	56141	47.375	ug/l	94
7) Trichlorofluoromethane	3.131	101	121312	47.608	ug/l	99
8) Diethyl Ether	3.533	74	41255	49.436	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	61736	47.588	ug/l	99
10) Methyl Iodide	4.100	142	60383	43.319	ug/l	99
11) Tert butyl alcohol	4.960	59	44049	273.602	ug/l	99
12) 1,1-Dichloroethene	3.881	96	62747	48.260	ug/l	97
13) Acrolein	3.735	56	31655	284.410	ug/l	99
14) Allyl chloride	4.491	41	131869	49.277	ug/l	99
15) Acrylonitrile	5.173	53	123468	262.725	ug/l	100
16) Acetone	3.954	43	153257	300.331	ug/l	99
17) Carbon Disulfide	4.198	76	208841	48.972	ug/l	100
18) Methyl Acetate	4.478	43	85173	51.472	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	208600	50.043	ug/l	99
20) Methylene Chloride	4.722	84	74004	46.429	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	70684	47.940	ug/l	94
22) Diisopropyl ether	6.124	45	262337	49.188	ug/l	96
23) Vinyl Acetate	6.063	43	833245	256.871	ug/l	100
24) 1,1-Dichloroethane	6.021	63	134127	48.095	ug/l	98
25) 2-Butanone	6.990	43	191776	286.861	ug/l	99
26) 2,2-Dichloropropane	6.990	77	126083	47.534	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	79391	47.166	ug/l	97
28) Bromochloromethane	7.338	49	58533	51.732	ug/l	97
29) Tetrahydrofuran	7.350	42	113692	277.194	ug/l	99
30) Chloroform	7.514	83	133425	46.328	ug/l	97
31) Cyclohexane	7.789	56	134222	46.784	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	126482	47.562	ug/l	99
36) 1,1-Dichloropropene	7.923	75	105107	48.405	ug/l	100
37) Ethyl Acetate	7.075	43	75263	54.768	ug/l	99
38) Carbon Tetrachloride	7.905	117	113726	47.476	ug/l	98
39) Methylcyclohexane	9.185	83	129238	48.892	ug/l	97
40) Benzene	8.167	78	297990	48.116	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	41597m	53.345	ug/l	
42) 1,2-Dichloroethane	8.240	62	105217	47.575	ug/l	98
43) Isopropyl Acetate	8.277	43	141850	53.209	ug/l	99
44) Trichloroethene	8.941	130	78861	49.373	ug/l	100
45) 1,2-Dichloropropane	9.221	63	74684	48.685	ug/l	98
46) Dibromomethane	9.307	93	40949	48.630	ug/l	98
47) Bromodichloromethane	9.502	83	104571	47.738	ug/l	100
48) Methyl methacrylate	9.295	41	66220	53.595	ug/l	98
49) 1,4-Dioxane	9.301	88	12864	1125.274	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	389717	278.869	ug/l	99
52) Toluene	10.246	92	187105	48.152	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	117279	49.699	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	124681	48.766	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	57070	49.018	ug/l	96
56) Ethyl methacrylate	10.514	69	96708	53.767	ug/l	97
57) 1,3-Dichloropropane	10.794	76	105442	49.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	231321	281.920	ug/l	100
59) 2-Hexanone	10.837	43	296896	293.541	ug/l	99
60) Dibromochloromethane	10.983	129	70662	49.204	ug/l	98
61) 1,2-Dibromoethane	11.093	107	54544	49.760	ug/l	98
64) Tetrachloroethene	10.721	164	91027	50.899	ug/l	97
65) Chlorobenzene	11.520	112	194032	48.747	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	71817	47.928	ug/l	97
67) Ethyl Benzene	11.593	91	370931	48.940	ug/l	99
68) m/p-Xylenes	11.703	106	281873	98.857	ug/l	99
69) o-Xylene	12.032	106	133604	49.106	ug/l	99
70) Styrene	12.044	104	230254	49.498	ug/l	99
71) Bromoform	12.209	173	48597	51.307	ug/l #	99
73) Isopropylbenzene	12.331	105	356162	48.084	ug/l	100
74) N-amyl acetate	12.142	43	132510	53.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	63707	49.681	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	52078m	47.728	ug/l	
77) Bromobenzene	12.611	156	83551	47.877	ug/l	99
78) n-propylbenzene	12.672	91	439948	48.062	ug/l	100
79) 2-Chlorotoluene	12.757	91	242866	47.924	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	300726	48.487	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	28161	52.984	ug/l	97
82) 4-Chlorotoluene	12.855	91	253524	48.011	ug/l	99
83) tert-Butylbenzene	13.074	119	259511	48.691	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	295464	47.645	ug/l	100
85) sec-Butylbenzene	13.257	105	387664	48.441	ug/l	100
86) p-Isopropyltoluene	13.373	119	331199	48.511	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	166286	47.477	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	166564	48.367	ug/l	99
89) n-Butylbenzene	13.696	91	311133	48.446	ug/l	100
90) Hexachloroethane	13.965	117	58740	47.639	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	147813	48.115	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13737	50.460	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	98093	48.369	ug/l	99
94) Hexachlorobutadiene	15.117	225	61076	46.989	ug/l	100
95) Naphthalene	15.239	128	204637	51.551	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	85703	48.257	ug/l	99

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

