

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009907.D
 Acq On : 09 Aug 2022 05:53
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022

Quant Time: Aug 09 07:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	52877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	89751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	88886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21980	53.501	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.000%			
35) Dibromofluoromethane	7.710	113	24359	49.997	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.000%			
50) Toluene-d8	10.173	98	73847	50.043	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.080%			
62) 4-Bromofluorobenzene	12.477	95	36473	53.614	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	19560	43.361	ug/l	100
3) Chloromethane	2.107	50	31363	55.912	ug/l	95
4) Vinyl Chloride	2.241	62	32111	55.022	ug/l	100
5) Bromomethane	2.637	94	23234	58.513	ug/l	97
6) Chloroethane	2.784	64	21471	60.855	ug/l	97
7) Trichlorofluoromethane	3.113	101	46035	48.622	ug/l	99
8) Diethyl Ether	3.515	74	17391	52.744	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	26586	48.969	ug/l	95
10) Methyl Iodide	4.082	142	33157	53.195	ug/l	100
11) Tert butyl alcohol	4.948	59	14446	240.980	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	25056	49.841	ug/l	92
13) Acrolein	3.710	56	1146	175.130	ug/l	87
14) Allyl chloride	4.460	41	44949	47.983	ug/l	98
15) Acrylonitrile	5.149	53	50060	283.432	ug/l	100
16) Acetone	3.936	43	36533	244.930	ug/l	93
17) Carbon Disulfide	4.180	76	87536	54.617	ug/l	99
18) Methyl Acetate	4.466	43	26327	59.139	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	74261	52.937	ug/l	98
20) Methylene Chloride	4.698	84	41370	59.980	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	31142	54.079	ug/l	98
22) Diisopropyl ether	6.112	45	106204	53.950	ug/l	96
23) Vinyl Acetate	6.045	43	340642	276.334	ug/l	97
24) 1,1-Dichloroethane	6.003	63	54983	51.683	ug/l	98
25) 2-Butanone	6.978	43	66084	269.040	ug/l	98
26) 2,2-Dichloropropane	6.972	77	31909	34.547	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	35746	54.697	ug/l	95
28) Bromochloromethane	7.326	49	20540	55.422	ug/l	92
29) Tetrahydrofuran	7.338	42	47011	293.209	ug/l	95
30) Chloroform	7.496	83	56461	52.794	ug/l	95
31) Cyclohexane	7.777	56	50388	49.087	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	45645	50.593	ug/l	97
36) 1,1-Dichloropropene	7.911	75	42078	51.183	ug/l	99
37) Ethyl Acetate	7.063	43	30104	55.191	ug/l	99
38) Carbon Tetrachloride	7.893	117	41091	50.360	ug/l	99
39) Methylcyclohexane	9.179	83	50288	51.879	ug/l	96
40) Benzene	8.149	78	134944	54.760	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	13325m	44.726	ug/l	
42) 1,2-Dichloroethane	8.234	62	36342	53.152	ug/l	99
43) Isopropyl Acetate	8.264	43	51899	53.451	ug/l	98
44) Trichloroethene	8.935	130	33568	52.581	ug/l	98
45) 1,2-Dichloropropane	9.209	63	34871	54.544	ug/l	96
46) Dibromomethane	9.301	93	19803	55.411	ug/l	97
47) Bromodichloromethane	9.490	83	44088	53.761	ug/l	97
48) Methyl methacrylate	9.289	41	24299	56.259	ug/l	94
49) 1,4-Dioxane	9.289	88	5372	1309.529	ug/l	99
51) 4-Methyl-2-Pentanone	10.063	43	155772	290.282	ug/l	97
52) Toluene	10.240	92	83703	54.880	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	41260	47.985	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	48491	49.430	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	28191	54.645	ug/l	97
56) Ethyl methacrylate	10.508	69	37656	56.457	ug/l	93
57) 1,3-Dichloropropane	10.788	76	47079	54.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	85815	278.101	ug/l	96
59) 2-Hexanone	10.831	43	107825	294.373	ug/l	98
60) Dibromochloromethane	10.983	129	31977	53.840	ug/l	99
61) 1,2-Dibromoethane	11.087	107	28009	57.103	ug/l	100
64) Tetrachloroethene	10.715	164	32717	50.251	ug/l	96
65) Chlorobenzene	11.514	112	91361	51.771	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	33098	51.886	ug/l	98
67) Ethyl Benzene	11.587	91	157519	51.538	ug/l	96
68) m/p-Xylenes	11.697	106	122036	104.361	ug/l	97
69) o-Xylene	12.026	106	58709	53.486	ug/l	97
70) Styrene	12.044	104	103603	55.033	ug/l	100
71) Bromoform	12.203	173	20803	52.799	ug/l #	99
73) Isopropylbenzene	12.325	105	150082	49.734	ug/l	99
74) N-amyl acetate	12.142	43	49056	50.101	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	35290	51.008	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	24510m	49.540	ug/l	
77) Bromobenzene	12.605	156	35749	49.056	ug/l	91
78) n-propylbenzene	12.666	91	190299	49.643	ug/l	97
79) 2-Chlorotoluene	12.751	91	106125	49.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	127299	50.380	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	10394	42.475	ug/l	97
82) 4-Chlorotoluene	12.849	91	111539	49.313	ug/l	98
83) tert-Butylbenzene	13.075	119	106851	48.918	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	127931	51.255	ug/l	99
85) sec-Butylbenzene	13.251	105	167015	49.800	ug/l	97
86) p-Isopropyltoluene	13.367	119	134865	49.675	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	72251	49.572	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	72442	48.862	ug/l	99
89) n-Butylbenzene	13.696	91	130006	49.021	ug/l	97
90) Hexachloroethane	13.959	117	27503	48.618	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	66483	50.044	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5335	48.210	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	35822	47.572	ug/l	99
94) Hexachlorobutadiene	15.111	225	19828	46.361	ug/l	99
95) Naphthalene	15.233	128	85140	54.000	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	33175	49.519	ug/l	100

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

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 Data File : VY009907.D
 Acq On : 09 Aug 2022 05:53
 Operator : KP/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050EC

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