

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009959.D
 Acq On : 11 Aug 2022 12:38
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

Quant Time: Aug 12 02:47:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	76371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	113876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28991	48.658	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.320%		
35) Dibromofluoromethane	7.710	113	32094	43.307	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.620%		
50) Toluene-d8	10.173	98	96240	43.679	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.360%		
62) 4-Bromofluorobenzene	12.477	95	48242	46.304	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27972	46.374	ug/l	98
3) Chloromethane	2.107	50	34218	50.572	ug/l	96
4) Vinyl Chloride	2.241	62	36530	51.358	ug/l	97
5) Bromomethane	2.637	94	26929	60.123	ug/l	97
6) Chloroethane	2.784	64	26945	54.117	ug/l	95
7) Trichlorofluoromethane	3.113	101	66713	45.828	ug/l	98
8) Diethyl Ether	3.521	74	24493	44.726	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	39560	44.555	ug/l	95
10) Methyl Iodide	4.076	142	48268	47.156	ug/l	98
11) Tert butyl alcohol	4.942	59	20166	270.351	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	38367	44.304	ug/l	99
13) Acrolein	3.716	56	28034	243.126	ug/l	98
14) Allyl chloride	4.466	41	68644	47.153	ug/l	97
15) Acrylonitrile	5.149	53	65445	243.891	ug/l	99
16) Acetone	3.936	43	64095	333.601	ug/l	96
17) Carbon Disulfide	4.180	76	122126	43.213	ug/l	99
18) Methyl Acetate	4.466	43	31485	48.468	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	108371	49.245	ug/l	97
20) Methylene Chloride	4.704	84	47841	47.624	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	44080	45.460	ug/l	97
22) Diisopropyl ether	6.106	45	149427	50.560	ug/l	97
23) Vinyl Acetate	6.045	43	480130	261.992	ug/l	98
24) 1,1-Dichloroethane	6.003	63	78484	46.934	ug/l	96
25) 2-Butanone	6.972	43	94394	287.101	ug/l	99
26) 2,2-Dichloropropane	6.972	77	68480	51.867	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	50787	48.213	ug/l	99
28) Bromochloromethane	7.319	49	36189	50.717	ug/l	94
29) Tetrahydrofuran	7.338	42	58818	260.281	ug/l	97
30) Chloroform	7.496	83	78330	47.155	ug/l	100
31) Cyclohexane	7.771	56	75213	45.998	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	66707	47.887	ug/l	98
36) 1,1-Dichloropropene	7.905	75	62267	48.267	ug/l	99
37) Ethyl Acetate	7.063	43	38706	51.359	ug/l	100
38) Carbon Tetrachloride	7.893	117	60031	48.584	ug/l	98
39) Methylcyclohexane	9.179	83	75952	48.947	ug/l	95
40) Benzene	8.149	78	191101	49.033	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18384m	46.679	ug/l	
42) 1,2-Dichloroethane	8.228	62	50653	49.596	ug/l	100
43) Isopropyl Acetate	8.264	43	70701	52.397	ug/l	98
44) Trichloroethene	8.935	130	46875	47.029	ug/l	98
45) 1,2-Dichloropropane	9.209	63	47514	48.963	ug/l	100
46) Dibromomethane	9.301	93	27118	49.225	ug/l	95
47) Bromodichloromethane	9.490	83	61230	49.287	ug/l	100
48) Methyl methacrylate	9.289	41	30591	51.230	ug/l	97
49) 1,4-Dioxane	9.289	88	6249	1104.701	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	195609	268.532	ug/l	98
52) Toluene	10.240	92	112415	46.971	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	72548	56.765	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	72723	48.646	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	40644	50.925	ug/l	96
56) Ethyl methacrylate	10.508	69	57619	58.568	ug/l	96
57) 1,3-Dichloropropane	10.788	76	65949	49.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	114132	222.651	ug/l	98
59) 2-Hexanone	10.831	43	148182	295.190	ug/l	98
60) Dibromochloromethane	10.983	129	42966	48.000	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34522	46.654	ug/l	97
64) Tetrachloroethene	10.715	164	46908	52.632	ug/l	97
65) Chlorobenzene	11.514	112	126065	50.895	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	43431	49.239	ug/l	97
67) Ethyl Benzene	11.593	91	221639	51.422	ug/l	97
68) m/p-Xylenes	11.697	106	186161	111.520	ug/l	95
69) o-Xylene	12.026	106	84890	54.782	ug/l	96
70) Styrene	12.044	104	146919	56.289	ug/l	99
71) Bromoform	12.203	173	28469	54.376	ug/l #	99
73) Isopropylbenzene	12.325	105	215575	49.104	ug/l	99
74) N-amyl acetate	12.142	43	70273	53.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	43622	44.461	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	33077m	50.536	ug/l	
77) Bromobenzene	12.605	156	47144	44.845	ug/l	87
78) n-propylbenzene	12.672	91	287515	51.084	ug/l	98
79) 2-Chlorotoluene	12.751	91	159739	50.188	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	191511	51.807	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17175	51.079	ug/l	94
82) 4-Chlorotoluene	12.855	91	167681	50.547	ug/l	97
83) tert-Butylbenzene	13.075	119	162346	51.678	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	188879	52.401	ug/l	99
85) sec-Butylbenzene	13.251	105	252838	51.839	ug/l	98
86) p-Isopropyltoluene	13.367	119	204748	52.302	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	105196	49.755	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	105129	48.751	ug/l	99
89) n-Butylbenzene	13.696	91	201710	51.995	ug/l	97
90) Hexachloroethane	13.959	117	40013	48.910	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	95804	49.664	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7370	49.225	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	52072	49.401	ug/l	98
94) Hexachlorobutadiene	15.111	225	27775	46.659	ug/l	98
95) Naphthalene	15.239	128	115112	51.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46455	49.022	ug/l	99

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

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