

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010157.D
 Acq On : 22 Aug 2022 20:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/23/2022
 Supervised By :Mahesh Dadoda 08/23/2022

Quant Time: Aug 23 00:18:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	228029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94278	50.476	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.960%			
35) Dibromofluoromethane	7.710	113	102913	50.982	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.960%			
50) Toluene-d8	10.179	98	350171	46.295	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.600%			
62) 4-Bromofluorobenzene	12.483	95	140982	52.167	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	86694	51.010	ug/l	99
3) Chloromethane	2.107	50	84129	43.996	ug/l	99
4) Vinyl Chloride	2.241	62	96714	46.430	ug/l	99
5) Bromomethane	2.637	94	74041	46.954	ug/l	98
6) Chloroethane	2.784	64	73271	55.117	ug/l	97
7) Trichlorofluoromethane	3.113	101	178103	50.454	ug/l	100
8) Diethyl Ether	3.521	74	70289	58.338	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	116938	53.363	ug/l	99
10) Methyl Iodide	4.082	142	137062	50.639	ug/l	98
11) Tert butyl alcohol	4.948	59	62805	321.250	ug/l	99
12) 1,1-Dichloroethene	3.863	96	105944	50.398	ug/l	99
13) Acrolein	3.723	56	19861	206.944	ug/l	100
14) Allyl chloride	4.466	41	177057	56.948	ug/l	98
15) Acrylonitrile	5.149	53	195939	338.292	ug/l	99
16) Acetone	3.942	43	137110	293.303	ug/l	97
17) Carbon Disulfide	4.186	76	255642	38.321	ug/l	96
18) Methyl Acetate	4.466	43	92665	64.699	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	339712	65.216	ug/l	99
20) Methylene Chloride	4.704	84	141908	53.897	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	120913	50.729	ug/l	98
22) Diisopropyl ether	6.112	45	408248	62.513	ug/l	98
23) Vinyl Acetate	6.051	43	1300578	328.161	ug/l	98
24) 1,1-Dichloroethane	6.009	63	226315	57.508	ug/l	100
25) 2-Butanone	6.978	43	239051	317.904	ug/l	100
26) 2,2-Dichloropropane	6.972	77	185567	52.694	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	148676	56.380	ug/l	98
28) Bromochloromethane	7.326	49	79214	59.235	ug/l	99
29) Tetrahydrofuran	7.338	42	162704	338.347	ug/l	98
30) Chloroform	7.496	83	239484	58.192	ug/l	96
31) Cyclohexane	7.777	56	178474	46.639	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	204920	57.116	ug/l	99
36) 1,1-Dichloropropene	7.911	75	166721	51.743	ug/l	100
37) Ethyl Acetate	7.069	43	109904	67.185	ug/l	99
38) Carbon Tetrachloride	7.893	117	183610	54.336	ug/l	99
39) Methylcyclohexane	9.179	83	196707	49.508	ug/l	98
40) Benzene	8.155	78	506360	53.428	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	56538m	60.292	ug/l	
42) 1,2-Dichloroethane	8.234	62	146260	60.173	ug/l	99
43) Isopropyl Acetate	8.270	43	197644	66.926	ug/l	97
44) Trichloroethene	8.935	130	143275	52.739	ug/l	95
45) 1,2-Dichloropropane	9.209	63	134162	58.822	ug/l	99
46) Dibromomethane	9.301	93	77548	58.114	ug/l	99
47) Bromodichloromethane	9.496	83	185557	59.749	ug/l	100
48) Methyl methacrylate	9.289	41	88018	66.613	ug/l	97
49) 1,4-Dioxane	9.295	88	20435	1322.184	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	554065	346.772	ug/l	99
52) Toluene	10.240	92	329800	54.886	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	190235	59.936	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	215464	58.196	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	117255	61.018	ug/l	98
56) Ethyl methacrylate	10.508	69	158368	65.345	ug/l	98
57) 1,3-Dichloropropane	10.788	76	192190	60.670	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	240606	248.894	ug/l	100
59) 2-Hexanone	10.831	43	383161	349.737	ug/l	99
60) Dibromochloromethane	10.983	129	139883	59.728	ug/l	99
61) 1,2-Dibromoethane	11.087	107	108990	58.277	ug/l	100
64) Tetrachloroethene	10.715	164	138629	50.990	ug/l	98
65) Chlorobenzene	11.514	112	369557	54.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	144404	57.666	ug/l	100
67) Ethyl Benzene	11.593	91	649632	55.031	ug/l	99
68) m/p-Xylenes	11.703	106	502282	109.104	ug/l	98
69) o-Xylene	12.026	106	242948	56.677	ug/l	99
70) Styrene	12.044	104	421553	57.631	ug/l	99
71) Bromoform	12.209	173	92640	60.098	ug/l	99
73) Isopropylbenzene	12.331	105	654246	55.862	ug/l	100
74) N-amyl acetate	12.142	43	178106	63.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	137135	58.537	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	81788m	50.164	ug/l	
77) Bromobenzene	12.605	156	157031	55.120	ug/l	98
78) n-propylbenzene	12.672	91	794434	55.246	ug/l	99
79) 2-Chlorotoluene	12.757	91	444626	54.890	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	550003	56.129	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	48801	60.118	ug/l	98
82) 4-Chlorotoluene	12.855	91	464003	55.257	ug/l	100
83) tert-Butylbenzene	13.075	119	485040	56.778	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	549138	56.584	ug/l	99
85) sec-Butylbenzene	13.251	105	727438	56.163	ug/l	100
86) p-Isopropyltoluene	13.367	119	606638	56.820	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	316080	55.099	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	311007	54.145	ug/l	100
89) n-Butylbenzene	13.696	91	569351	56.658	ug/l	100
90) Hexachloroethane	13.958	117	118817	54.582	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	286279	56.220	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22829	63.738	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	182912	60.586	ug/l	100
94) Hexachlorobutadiene	15.111	225	104951	58.554	ug/l	99
95) Naphthalene	15.233	128	395604	59.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	162471	61.753	ug/l	100

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

