

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010098.D
 Acq On : 19 Aug 2022 12:27
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 21 23:46:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Sun Aug 21 23:41:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	303675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	427667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	331186	131.759	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 263.520%#			
35) Dibromofluoromethane	7.710	113	370392	139.662	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 279.320%#			
50) Toluene-d8	10.179	98	1337059	133.816	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 267.640%#			
62) 4-Bromofluorobenzene	12.477	95	495954	139.813	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 279.620%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	319641	139.956	ug/l	98
3) Chloromethane	2.107	50	364911	142.152	ug/l	99
4) Vinyl Chloride	2.241	62	394855	141.822	ug/l	99
5) Bromomethane	2.625	94	282976	132.390	ug/l	98
6) Chloroethane	2.778	64	254191	142.704	ug/l	98
7) Trichlorofluoromethane	3.107	101	665002	140.642	ug/l	99
8) Diethyl Ether	3.521	74	237731	147.892	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.881	101	417118	142.049	ug/l	100
10) Methyl Iodide	4.076	142	578444	162.837	ug/l	100
11) Tert butyl alcohol	4.948	59	207063	754.926	ug/l	96
12) 1,1-Dichloroethene	3.857	96	413089	147.404	ug/l	96
13) Acrolein	3.716	56	89226	592.022	ug/l	99
14) Allyl chloride	4.466	41	634787	153.949	ug/l	99
15) Acrylonitrile	5.149	53	586658	764.275	ug/l	99
16) Acetone	3.936	43	442231	708.624	ug/l	98
17) Carbon Disulfide	4.180	76	1272466	142.374	ug/l	99
18) Methyl Acetate	4.466	43	279921	146.249	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	1088486	158.386	ug/l	99
20) Methylene Chloride	4.704	84	480746	93.855	ug/l	99
21) trans-1,2-Dichloroethene	5.204	96	468412	147.402	ug/l	99
22) Diisopropyl ether	6.112	45	1313681	151.696	ug/l	98
23) Vinyl Acetate	6.051	43	4174625	801.743	ug/l	99
24) 1,1-Dichloroethane	6.003	63	762513	145.112	ug/l	99
25) 2-Butanone	6.978	43	734186	731.954	ug/l	99
26) 2,2-Dichloropropane	6.972	77	674820	142.976	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	522691	148.775	ug/l	98
28) Bromochloromethane	7.326	49	266701	150.198	ug/l	99
29) Tetrahydrofuran	7.338	42	494803	779.554	ug/l	100
30) Chloroform	7.496	83	791252	143.767	ug/l	98
31) Cyclohexane	7.777	56	721844	140.423	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	703315	147.072	ug/l	99
36) 1,1-Dichloropropene	7.911	75	625944	148.177	ug/l	100
37) Ethyl Acetate	7.063	43	328584	153.999	ug/l	99
38) Carbon Tetrachloride	7.893	117	648243	146.023	ug/l	99
39) Methylcyclohexane	9.179	83	800004	154.730	ug/l	99
40) Benzene	8.155	78	1827718	146.781	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	179379m	71.687	ug/l	
42) 1,2-Dichloroethane	8.228	62	466219	145.827	ug/l	99
43) Isopropyl Acetate	8.264	43	609559	158.867	ug/l	100
44) Trichloroethene	8.935	130	526653	147.396	ug/l	96
45) 1,2-Dichloropropane	9.209	63	445174	148.856	ug/l	99
46) Dibromomethane	9.301	93	259921	148.502	ug/l	99
47) Bromodichloromethane	9.496	83	608659	149.323	ug/l	99
48) Methyl methacrylate	9.289	41	281605	165.117	ug/l	98
49) 1,4-Dioxane	9.295	88	67572	3381.541	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	1615950	779.170	ug/l	99
52) Toluene	10.240	92	1169649	148.415	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	648486	157.172	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	746425	154.295	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	372414	147.602	ug/l	98
56) Ethyl methacrylate	10.508	69	520776	166.887	ug/l	99
57) 1,3-Dichloropropane	10.788	76	625400	150.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	882558	683.807	ug/l	100
59) 2-Hexanone	10.831	43	1141691	807.131	ug/l	99
60) Dibromochloromethane	10.983	129	458675	149.394	ug/l	99
61) 1,2-Dibromoethane	11.087	107	371276	151.528	ug/l	100
64) Tetrachloroethene	10.715	164	498115	143.955	ug/l	98
65) Chlorobenzene	11.514	112	1264146	146.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	470006	147.995	ug/l	99
67) Ethyl Benzene	11.593	91	2261818	151.760	ug/l	99
68) m/p-Xylenes	11.703	106	1753943	301.206	ug/l	100
69) o-Xylene	12.026	106	842064	156.163	ug/l	99
70) Styrene	12.044	104	1432113	155.618	ug/l	99
71) Bromoform	12.209	173	296958	152.428	ug/l #	100
73) Isopropylbenzene	12.331	105	2193559	155.005	ug/l	100
74) N-amyl acetate	12.142	43	569357	168.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	421333	147.643	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	299214m	91.651	ug/l	
77) Bromobenzene	12.605	156	524842	151.545	ug/l	100
78) n-propylbenzene	12.666	91	2651420	152.257	ug/l	99
79) 2-Chlorotoluene	12.751	91	1487010	151.261	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1806320	152.290	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	157356	161.340	ug/l	100
82) 4-Chlorotoluene	12.855	91	1524385	149.263	ug/l	99
83) tert-Butylbenzene	13.075	119	1598287	154.998	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	1791255	152.327	ug/l	100
85) sec-Butylbenzene	13.251	105	2353858	150.012	ug/l	100
86) p-Isopropyltoluene	13.367	119	1983546	153.748	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	1030943	147.400	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	1018728	144.886	ug/l	100
89) n-Butylbenzene	13.696	91	1865414	153.689	ug/l	99
90) Hexachloroethane	13.959	117	384255	144.379	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	918126	147.684	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	68592	157.821	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	600201	164.903	ug/l	100
94) Hexachlorobutadiene	15.111	225	321829	147.226	ug/l	100
95) Naphthalene	15.233	128	1280774	184.426	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	526701	166.319	ug/l	100

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

