

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010034.D
 Acq On : 15 Aug 2022 18:25
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 06:30:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 06:22:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	136692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	199144	145.093	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 290.180%#			
35) Dibromofluoromethane	7.710	113	189770	154.061	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 308.120%#			
50) Toluene-d8	10.173	98	727496	153.907	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 307.820%#			
62) 4-Bromofluorobenzene	12.477	95	257327	148.459	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 296.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	133449	110.546	ug/l	100
3) Chloromethane	2.107	50	173136	172.724	ug/l	100
4) Vinyl Chloride	2.241	62	247786	222.607	ug/l	99
5) Bromomethane	2.619	94	219432	321.698	ug/l	97
6) Chloroethane	2.771	64	180544	243.121	ug/l	99
7) Trichlorofluoromethane	3.107	101	303972	129.574	ug/l	99
8) Diethyl Ether	3.515	74	103873	123.252	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	179235	122.663	ug/l	97
10) Methyl Iodide	4.076	142	248087	141.164	ug/l	97
11) Tert butyl alcohol	4.954	59	98072	769.692	ug/l	99
12) 1,1-Dichloroethene	3.857	96	175381	124.328	ug/l	95
13) Acrolein	3.716	56	76686	474.197	ug/l	95
14) Allyl chloride	4.460	41	294143	148.446	ug/l	93
15) Acrylonitrile	5.149	53	276811	690.360	ug/l	99
16) Acetone	3.936	43	211746	659.772	ug/l	93
17) Carbon Disulfide	4.174	76	513729	113.289	ug/l	98
18) Methyl Acetate	4.466	43	139164	161.726	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	529746	152.920	ug/l	94
20) Methylene Chloride	4.704	84	194963	124.410	ug/l	94
21) trans-1,2-Dichloroethene	5.198	96	205007	130.206	ug/l	94
22) Diisopropyl ether	6.106	45	415262	102.444	ug/l	96
23) Vinyl Acetate	6.045	43	1442514	576.884	ug/l	98
24) 1,1-Dichloroethane	6.003	63	253423	99.046	ug/l	98
25) 2-Butanone	6.978	43	248726	496.217	ug/l	91
26) 2,2-Dichloropropane	6.972	77	262552	113.473	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	188758	111.363	ug/l	95
28) Bromochloromethane	7.325	49	141646	138.569	ug/l	94
29) Tetrahydrofuran	7.338	42	253007	803.035	ug/l	98
30) Chloroform	7.496	83	371571	139.262	ug/l	100
31) Cyclohexane	7.777	56	320780	133.792	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	344574	149.347	ug/l	99
36) 1,1-Dichloropropene	7.911	75	288104	156.661	ug/l	99
37) Ethyl Acetate	7.069	43	110005	111.189	ug/l #	94
38) Carbon Tetrachloride	7.892	117	319067	168.386	ug/l	99
39) Methylcyclohexane	9.179	83	350580	160.110	ug/l	99
40) Benzene	8.155	78	820678	149.160	ug/l	99

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41) Methacrylonitrile	7.313	41	81282m	154.711	ug/l	
42) 1,2-Dichloroethane	8.228	62	246704	168.254	ug/l	100
43) Isopropyl Acetate	8.264	43	324806	187.827	ug/l	97
44) Trichloroethene	8.935	130	233606	154.274	ug/l	96
45) 1,2-Dichloropropane	9.209	63	203346	154.374	ug/l	98
46) Dibromomethane	9.301	93	123704	155.173	ug/l	97
47) Bromodichloromethane	9.490	83	292705	162.625	ug/l	99
48) Methyl methacrylate	9.289	41	145579	191.828	ug/l	97
49) 1,4-Dioxane	9.295	88	30818	3093.656	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	883268	940.963	ug/l	98
52) Toluene	10.240	92	536416	158.934	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	307990	168.171	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	339106	161.579	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	169126	148.894	ug/l	98
56) Ethyl methacrylate	10.508	69	242091	174.246	ug/l	98
57) 1,3-Dichloropropane	10.788	76	287525	156.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	475339	780.160	ug/l	96
59) 2-Hexanone	10.831	43	607766	939.612	ug/l	98
60) Dibromochloromethane	10.977	129	219482	166.263	ug/l	98
61) 1,2-Dibromoethane	11.087	107	169000	155.113	ug/l	98
64) Tetrachloroethene	10.715	164	228816	162.319	ug/l	94
65) Chlorobenzene	11.514	112	577143	150.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	227882	163.793	ug/l	99
67) Ethyl Benzene	11.587	91	1078048	165.673	ug/l	100
68) m/p-Xylenes	11.697	106	838378	330.887	ug/l	99
69) o-Xylene	12.026	106	398179	165.757	ug/l	99
70) Styrene	12.038	104	681601	166.659	ug/l	99
71) Bromoform	12.203	173	147137	167.214	ug/l #	100
73) Isopropylbenzene	12.325	105	1040636	156.507	ug/l	100
74) N-amyl acetate	12.142	43	286164	167.181	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	194827	130.021	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	139661m	124.063	ug/l	
77) Bromobenzene	12.605	156	249155	154.125	ug/l	98
78) n-propylbenzene	12.666	91	1241016	149.207	ug/l	99
79) 2-Chlorotoluene	12.751	91	695890	148.125	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	875894	160.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	72585	140.835	ug/l	99
82) 4-Chlorotoluene	12.849	91	720278	146.705	ug/l	99
83) tert-Butylbenzene	13.074	119	769102	160.373	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	872202	158.958	ug/l	100
85) sec-Butylbenzene	13.251	105	1120522	152.281	ug/l	100
86) p-Isopropyltoluene	13.367	119	978643	167.101	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	500166	155.308	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	487947	146.490	ug/l	99
89) n-Butylbenzene	13.696	91	876193	156.910	ug/l	99
90) Hexachloroethane	13.958	117	179661	145.413	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	437894	152.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33990	140.980	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	287686	174.687	ug/l	100
94) Hexachlorobutadiene	15.111	225	160954	168.934	ug/l	99
95) Naphthalene	15.233	128	595086	145.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	250846	172.516	ug/l	100

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

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