

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011383.D
 Acq On : 10 Nov 2022 11:52
 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 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 12:05:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 10:35:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	304405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	475990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	425445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	203326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	345496	106.123	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 212.240%#			
35) Dibromofluoromethane	7.716	113	374947	122.603	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 245.200%#			
50) Toluene-d8	10.179	98	1374596	115.767	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 231.540%#			
62) 4-Bromofluorobenzene	12.477	95	498642	120.968	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 241.940%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	257887	92.830	ug/l	99
3) Chloromethane	2.113	50	325930	96.560	ug/l	96
4) Vinyl Chloride	2.247	62	394550	104.641	ug/l	100
5) Bromomethane	2.625	94	275754	109.623	ug/l	98
6) Chloroethane	2.784	64	268353	110.758	ug/l	98
7) Trichlorofluoromethane	3.119	101	648414	116.404	ug/l	94
8) Diethyl Ether	3.528	74	242720	121.434	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.893	101	403576	120.505	ug/l	95
10) Methyl Iodide	4.088	142	566850	131.488	ug/l	90
11) Tert butyl alcohol	4.954	59	214458	436.897	ug/l	97
12) 1,1-Dichloroethene	3.869	96	398738	120.422	ug/l #	81
13) Acrolein	3.723	56	54585	270.404	ug/l	98
14) Allyl chloride	4.473	41	562377	112.125	ug/l #	83
15) Acrylonitrile	5.155	53	595626	593.868	ug/l	97
16) Acetone	3.942	43	553796	563.517	ug/l #	81
17) Carbon Disulfide	4.192	76	1146095	105.384	ug/l	100
18) Methyl Acetate	4.473	43	277804	106.774	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	1121619	127.472	ug/l	94
20) Methylene Chloride	4.710	84	476262	96.924	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	454008	120.551	ug/l	85
22) Diisopropyl ether	6.119	45	1180202	113.493	ug/l #	88
23) Vinyl Acetate	6.058	43	3739541	589.174	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	751582	115.410	ug/l	98
25) 2-Butanone	6.984	43	773795	559.598	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	694086	116.561	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	521551	125.683	ug/l	84
28) Bromochloromethane	7.332	49	278266	111.240	ug/l #	70
29) Tetrahydrofuran	7.344	42	469187	582.845	ug/l #	77
30) Chloroform	7.503	83	794420	120.783	ug/l	100
31) Cyclohexane	7.783	56	656504	108.797	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	725210	124.312	ug/l	93
36) 1,1-Dichloropropene	7.917	75	613423	122.826	ug/l	96
37) Ethyl Acetate	7.070	43	311353	115.648	ug/l #	89
38) Carbon Tetrachloride	7.899	117	669896	129.291	ug/l	99
39) Methylcyclohexane	9.179	83	779778	128.340	ug/l	88
40) Benzene	8.161	78	1812407	123.477	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	174669m	119.402	ug/l	
42) 1,2-Dichloroethane	8.234	62	480064	120.443	ug/l	89
43) Isopropyl Acetate	8.271	43	579511	122.174	ug/l #	85
44) Trichloroethene	8.935	130	516174	131.404	ug/l	100
45) 1,2-Dichloropropane	9.216	63	436350	120.247	ug/l	96
46) Dibromomethane	9.301	93	256811	125.254	ug/l	96
47) Bromodichloromethane	9.496	83	614874	126.509	ug/l	99
48) Methyl methacrylate	9.289	41	270313	124.071	ug/l #	74
49) 1,4-Dioxane	9.295	88	77517	2810.347	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	1570076	608.769	ug/l #	83
52) Toluene	10.240	92	1167271	128.254	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	660365	129.011	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	747699	127.659	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	373331	127.048	ug/l	98
56) Ethyl methacrylate	10.508	69	525916	135.493	ug/l #	71
57) 1,3-Dichloropropane	10.789	76	625279	124.314	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	1179897	648.410	ug/l	93
59) 2-Hexanone	10.831	43	1144242	621.437	ug/l	79
60) Dibromochloromethane	10.984	129	462647	132.512	ug/l	100
61) 1,2-Dibromoethane	11.087	107	360144	129.094	ug/l	99
64) Tetrachloroethene	10.721	164	498141	137.841	ug/l	99
65) Chlorobenzene	11.514	112	1254779	133.683	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	470193	136.049	ug/l	98
67) Ethyl Benzene	11.593	91	2240325	134.555	ug/l	97
68) m/p-Xylenes	11.703	106	1740432	269.285	ug/l	93
69) o-Xylene	12.026	106	835412	137.892	ug/l	92
70) Styrene	12.044	104	1413965	137.672	ug/l	95
71) Bromoform	12.203	173	302408	140.781	ug/l #	98
73) Isopropylbenzene	12.331	105	2158607	141.995	ug/l	99
74) N-amyl acetate	12.142	43	497898	130.475	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	415250	132.002	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	378169m	152.776	ug/l	
77) Bromobenzene	12.605	156	512700	143.378	ug/l	94
78) n-propylbenzene	12.672	91	2549192	137.039	ug/l	97
79) 2-Chlorotoluene	12.758	91	1454261	136.444	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	1789218	139.088	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	158234	136.807	ug/l #	80
82) 4-Chlorotoluene	12.855	91	1489583	135.618	ug/l	98
83) tert-Butylbenzene	13.075	119	1581900	142.715	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	1766067	138.811	ug/l	98
85) sec-Butylbenzene	13.251	105	2279858	138.727	ug/l	98
86) p-Isopropyltoluene	13.367	119	1926834	140.665	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	989770	138.039	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	974508	135.513	ug/l	99
89) n-Butylbenzene	13.697	91	1746292	136.524	ug/l	97
90) Hexachloroethane	13.959	117	368302	134.443	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	882898	137.852	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	71366	132.431	ug/l	72
93) 1,2,4-Trichlorobenzene	15.001	180	572617	147.924	ug/l	99
94) Hexachlorobutadiene	15.111	225	314130	139.367	ug/l	99
95) Naphthalene	15.233	128	1222060	152.934	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	498702	146.595	ug/l	99

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

