

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
 Data File : VY009180.D
 Acq On : 08 Jun 2022 19:32
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 09 01:39:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 01:36:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/09/2022
 Supervised By :Semsettin Yesilyurt 06/10/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	353454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	249459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	238530	117.853	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 235.700%#			
35) Dibromofluoromethane	7.709	113	254871	136.708	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 273.420%#			
50) Toluene-d8	10.178	98	890110	131.472	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 262.940%#			
62) 4-Bromofluorobenzene	12.477	95	505627	175.519	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 351.040%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	226146	133.100	ug/l	100
3) Chloromethane	2.107	50	373503	109.581	ug/l	93
4) Vinyl Chloride	2.241	62	638167	124.162	ug/l	99
5) Bromomethane	2.607	94	695235	141.037	ug/l	97
6) Chloroethane	2.765	64	477301	128.600	ug/l	100
7) Trichlorofluoromethane	3.107	101	487244	133.787	ug/l	92
8) Diethyl Ether	3.521	74	151655	136.271	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.881	101	273567	138.099	ug/l	95
10) Methyl Iodide	4.076	142	329056	155.532	ug/l	91
11) Tert butyl alcohol	4.954	59	145849	637.040	ug/l #	94
12) 1,1-Dichloroethene	3.856	96	258763	136.690	ug/l	87
13) Acrolein	3.716	56	67382	587.790	ug/l	99
14) Allyl chloride	4.466	41	408992	148.530	ug/l #	86
15) Acrylonitrile	5.149	53	433635	698.272	ug/l	98
16) Acetone	3.942	43	281545	577.046	ug/l	92
17) Carbon Disulfide	4.180	76	817285	137.710	ug/l	100
18) Methyl Acetate	4.466	43	184628	110.680	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	917718	156.791	ug/l	95
20) Methylene Chloride	4.704	84	314932	106.960	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	358982	153.723	ug/l	86
22) Diisopropyl ether	6.112	45	1232651	170.134	ug/l #	95
23) Vinyl Acetate	6.051	43	4100814	877.525	ug/l #	93
24) 1,1-Dichloroethane	6.008	63	607921	147.355	ug/l	98
25) 2-Butanone	6.978	43	577516	698.076	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	546441	138.010	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	408759	148.666	ug/l	88
28) Bromochloromethane	7.325	49	271273	142.431	ug/l #	89
29) Tetrahydrofuran	7.338	42	412076	741.605	ug/l #	84
30) Chloroform	7.496	83	646695	144.832	ug/l	100
31) Cyclohexane	7.776	56	558058	149.124	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	592529	151.112	ug/l	98
36) 1,1-Dichloropropene	7.911	75	506490	157.830	ug/l	98
37) Ethyl Acetate	7.069	43	269591	146.669	ug/l	97
38) Carbon Tetrachloride	7.892	117	541403	161.689	ug/l	99
39) Methylcyclohexane	9.179	83	675277	175.839	ug/l	88
40) Benzene	8.154	78	1461959	154.923	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	167340m	164.258	ug/l	
42) 1,2-Dichloroethane	8.234	62	432546	149.524	ug/l	94
43) Isopropyl Acetate	8.270	43	529117	153.418	ug/l #	93
44) Trichloroethene	8.935	130	375140	155.090	ug/l	94
45) 1,2-Dichloropropane	9.209	63	354843	151.212	ug/l	97
46) Dibromomethane	9.301	93	234055	153.317	ug/l	94
47) Bromodichloromethane	9.490	83	517721	153.271	ug/l	99
48) Methyl methacrylate	9.288	41	239522	158.906	ug/l #	84
49) 1,4-Dioxane	9.294	88	63902	3160.734	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	1546197	803.770	ug/l	91
52) Toluene	10.239	92	1166594	184.410	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	613555	169.827	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	628494	160.351	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	337232	162.693	ug/l	99
56) Ethyl methacrylate	10.508	69	493791	184.619	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	534553	156.246	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	1169143	851.183	ug/l	96
59) 2-Hexanone	10.831	43	1070638	809.718	ug/l	87
60) Dibromochloromethane	10.983	129	431540	170.160	ug/l	99
61) 1,2-Dibromoethane	11.087	107	331557	163.387	ug/l	99
64) Tetrachloroethene	10.715	164	362432	152.348	ug/l	99
65) Chlorobenzene	11.514	112	1194751	157.659	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	458077	163.368	ug/l	97
67) Ethyl Benzene	11.587	91	2277713	168.596	ug/l	99
68) m/p-Xylenes	11.703	106	1931954	349.782	ug/l	91
69) o-Xylene	12.032	106	993533	189.807	ug/l	90
70) Styrene	12.044	104	1953058	210.269	ug/l	93
71) Bromoform	12.202	173	363010	188.081	ug/l #	98
73) Isopropylbenzene	12.331	105	2764680	134.868	ug/l	100
74) N-amyl acetate	12.142	43	666713	117.993	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.580	83	465886	104.494	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	394703m	123.750	ug/l	
77) Bromobenzene	12.605	156	548587	114.654	ug/l	95
78) n-propylbenzene	12.672	91	3024135	119.878	ug/l	99
79) 2-Chlorotoluene	12.751	91	1662581	121.177	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	2280142	130.022	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	186857	113.218	ug/l #	83
82) 4-Chlorotoluene	12.855	91	1995348	132.795	ug/l	97
83) tert-Butylbenzene	13.074	119	2017011	132.257	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	2289117	129.648	ug/l	97
85) sec-Butylbenzene	13.251	105	3039574	149.691	ug/l	100
86) p-Isopropyltoluene	13.367	119	2908008	176.301	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	1461884	165.280	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	1311062	151.551	ug/l	98
89) n-Butylbenzene	13.696	91	2378516	156.218	ug/l	98
90) Hexachloroethane	13.958	117	408882	138.590	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	1242133	178.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	68738	128.250	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	587025	152.842	ug/l	99
94) Hexachlorobutadiene	15.111	225	296589	140.609	ug/l	99
95) Naphthalene	15.239	128	1222477	156.805	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	511669	152.106	ug/l	100

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

