

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007076.D
 Acq On : 08 Jan 2022 13:39
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010822

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/10/2022

Quant Time: Jan 10 03:30:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	162363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	239574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93301	48.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.060%		
35) Dibromofluoromethane	7.722	113	89748	49.402	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.800%		
50) Toluene-d8	10.185	98	335394	49.981	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.960%		
62) 4-Bromofluorobenzene	12.483	95	118959	49.154	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	32187	57.373	ug/l	97
3) Chloromethane	2.119	50	59167	50.350	ug/l	97
4) Vinyl Chloride	2.259	62	86638	50.784	ug/l	98
5) Bromomethane	2.668	94	58027	51.196	ug/l	99
6) Chloroethane	2.808	64	53569	51.252	ug/l	97
7) Trichlorofluoromethane	3.137	101	104703	50.123	ug/l	99
8) Diethyl Ether	3.534	74	49306	48.327	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.911	101	89745	49.991	ug/l	100
10) Methyl Iodide	4.094	142	139425	50.161	ug/l	99
11) Tert butyl alcohol	4.960	59	34376	221.970	ug/l	99
12) 1,1-Dichloroethene	3.881	96	92118	49.632	ug/l	97
13) Acrolein	3.741	56	10267	227.807	ug/l	99
14) Allyl chloride	4.485	41	140918	49.970	ug/l	99
15) Acrylonitrile	5.167	53	113143	241.532	ug/l	100
16) Acetone	3.954	43	88663	243.293	ug/l	96
17) Carbon Disulfide	4.204	76	266243	50.072	ug/l	98
18) Methyl Acetate	4.478	43	74670	44.668	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	180341	48.888	ug/l	96
20) Methylene Chloride	4.722	84	99160	51.803	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	99064	49.484	ug/l	95
22) Diisopropyl ether	6.125	45	289149	50.415	ug/l	98
23) Vinyl Acetate	6.070	43	841241	253.283	ug/l	100
24) 1,1-Dichloroethane	6.021	63	176643	50.485	ug/l	99
25) 2-Butanone	6.990	43	131528	233.579	ug/l	99
26) 2,2-Dichloropropane	6.990	77	133003	48.989	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	111717	49.567	ug/l	98
28) Bromochloromethane	7.338	49	71456	54.707	ug/l	100
29) Tetrahydrofuran	7.356	42	93989	233.043	ug/l	99
30) Chloroform	7.508	83	184356	50.041	ug/l	100
31) Cyclohexane	7.789	56	161821	48.403	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	160808	50.192	ug/l	100
36) 1,1-Dichloropropene	7.923	75	144461	50.184	ug/l	99
37) Ethyl Acetate	7.076	43	67398	47.840	ug/l	100
38) Carbon Tetrachloride	7.905	117	150959	50.189	ug/l	99
39) Methylcyclohexane	9.191	83	181142	50.315	ug/l	98
40) Benzene	8.167	78	388212	50.090	ug/l	97

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41) Methacrylonitrile	7.319	41	35814m	44.715	ug/l	
42) 1,2-Dichloroethane	8.240	62	117205	49.529	ug/l	100
43) Isopropyl Acetate	8.277	43	132471	48.457	ug/l	100
44) Trichloroethene	8.947	130	107379	50.071	ug/l	99
45) 1,2-Dichloropropane	9.222	63	96233	50.153	ug/l	95
46) Dibromomethane	9.307	93	55452	48.470	ug/l	99
47) Bromodichloromethane	9.502	83	141971	49.683	ug/l	100
48) Methyl methacrylate	9.295	41	60917	49.428	ug/l	99
49) 1,4-Dioxane	9.313	88	11483	984.990	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	325972	242.063	ug/l	98
52) Toluene	10.246	92	246576	49.975	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	150248	50.317	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	167940	49.866	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	75146	48.346	ug/l	97
56) Ethyl methacrylate	10.514	69	106374	48.720	ug/l	99
57) 1,3-Dichloropropane	10.794	76	133365	48.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	217695	218.441	ug/l	99
59) 2-Hexanone	10.837	43	208766	238.968	ug/l	99
60) Dibromochloromethane	10.989	129	95483	49.233	ug/l	99
61) 1,2-Dibromoethane	11.093	107	75286	48.415	ug/l	99
64) Tetrachloroethene	10.721	164	85767	50.178	ug/l	96
65) Chlorobenzene	11.520	112	259473	50.330	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	94527	49.519	ug/l	99
67) Ethyl Benzene	11.593	91	489376	50.536	ug/l	100
68) m/p-Xylenes	11.703	106	364189	100.548	ug/l	99
69) o-Xylene	12.032	106	168355	49.620	ug/l	98
70) Styrene	12.044	104	291055	50.769	ug/l	100
71) Bromoform	12.209	173	53339	48.793	ug/l #	99
73) Isopropylbenzene	12.331	105	454362	50.756	ug/l	100
74) N-amyl acetate	12.148	43	113429	49.775	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	82697	48.440	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	69512m	57.893	ug/l	
77) Bromobenzene	12.611	156	99009	50.083	ug/l	99
78) n-propylbenzene	12.672	91	562507	51.436	ug/l	100
79) 2-Chlorotoluene	12.757	91	316170	50.819	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	372879	50.637	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	31489	49.258	ug/l #	98
82) 4-Chlorotoluene	12.855	91	325224	50.630	ug/l	100
83) tert-Butylbenzene	13.074	119	331545	51.124	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	368874	50.963	ug/l	98
85) sec-Butylbenzene	13.257	105	479479	50.737	ug/l	100
86) p-Isopropyltoluene	13.373	119	396139	51.202	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	192098	50.350	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	189428	49.868	ug/l	100
89) n-Butylbenzene	13.696	91	384418	50.942	ug/l	99
90) Hexachloroethane	13.965	117	77380	50.469	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	169451	50.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13208	46.458	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	101620	51.128	ug/l	99
94) Hexachlorobutadiene	15.111	225	52796	51.597	ug/l	97
95) Naphthalene	15.239	128	210890	50.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	85965	51.275	ug/l	99

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

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