

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018925.D
 Acq On : 08 Aug 2024 11:44
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 14:24:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 14:14:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	88988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	139834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	118809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	57723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	7773	9.949	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.900%#		
35) Dibromofluoromethane	7.622	113	8250	9.237	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.480%#		
50) Toluene-d8	10.103	98	31796	9.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.540%#		
62) 4-Bromofluorobenzene	12.408	95	9247	9.086	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.180%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	6466	10.571	ug/l	94
3) Chloromethane	2.068	50	16767	9.484	ug/l	93
4) Vinyl Chloride	2.202	62	21733	10.602	ug/l	98
5) Bromomethane	2.592	94	16999	10.394	ug/l	99
6) Chloroethane	2.732	64	14690	10.657	ug/l #	84
7) Trichlorofluoromethane	3.049	101	28230	10.333	ug/l	91
8) Diethyl Ether	3.452	74	4224	10.030	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	8727	10.225	ug/l	90
10) Methyl Iodide	4.000	142	8816	9.566	ug/l	95
11) Tert butyl alcohol	4.836	59	5933	45.325	ug/l	99
12) 1,1-Dichloroethene	3.781	96	7847	9.732	ug/l	92
13) Acrolein	3.647	56	4241	49.199	ug/l	95
14) Allyl chloride	4.378	41	10988	10.189	ug/l #	84
15) Acrylonitrile	5.043	53	8427	51.043	ug/l	99
16) Acetone	3.854	43	7514	48.102	ug/l #	74
17) Carbon Disulfide	4.098	76	24954	10.411	ug/l	100
18) Methyl Acetate	4.372	43	4754	10.948	ug/l	96
19) Methyl tert-but						

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41) Methacrylonitrile	7.213	41	2818m	7.471	ug/l	
42) 1,2-Dichloroethane	8.152	62	8730	9.838	ug/l	99
43) Isopropyl Acetate	8.189	43	10758	9.654	ug/l #	79
44) Trichloroethene	8.859	130	10384	10.220	ug/l	100
45) 1,2-Dichloropropane	9.140	63	7959	9.979	ug/l #	88
46) Dibromomethane	9.225	93	5060	9.818	ug/l	97
47) Bromodichloromethane	9.420	83	11968	9.924	ug/l #	91
48) Methyl methacrylate	9.225	41	4518	9.280	ug/l #	74
49) 1,4-Dioxane	9.219	88	1116	183.293	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	26335	45.821	ug/l	89
52) Toluene	10.170	92	21857	9.231	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	9796	9.109	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	12317	9.642	ug/l #	85
55) 1,1,2-Trichloroethane	10.572	97	6316	9.980	ug/l	95
56) Ethyl methacrylate	10.438	69	8233	9.608	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	10042	9.637	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	19973	45.211	ug/l	97
59) 2-Hexanone	10.761	43	17963	43.570	ug/l	85
60) Dibromochloromethane	10.914	129	7975	9.399	ug/l	99
61) 1,2-Dibromoethane	11.011	107	6056	9.910	ug/l	95
64) Tetrachloroethene	10.646	164	9786	9.826	ug/l	92
65) Chlorobenzene	11.444	112	24948	9.564	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.517	131	7947	8.710	ug/l	97
67) Ethyl Benzene	11.524	91	40624	8.995	ug/l	99
68) m/p-Xylenes	11.633	106	33881	18.295	ug/l	92
69) o-Xylene	11.956	106	15900	9.302	ug/l	91
70) Styrene	11.975	104	24207	8.598	ug/l	98
71) Bromoform	12.133	173	4426	9.328	ug/l #	100
73) Isopropylbenzene	12.255	105	39825	9.505	ug/l	98
74) N-amyl acetate	12.072	43	9087	9.398	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	6451	9.540	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	4203m	5.826	ug/l	
77) Bromobenzene	12.536	156	9557	9.791	ug/l	88
78) n-propylbenzene	12.596	91	46714	9.420	ug/l	99
79) 2-Chlorotoluene	12.682	91	24898	9.6		

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

