

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020679.D
 Acq On : 22 Oct 2021 13:12
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:56:06 AM

Quant Time: Oct 23 05:25:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 05:24:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	101013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	148998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	136161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	77937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	11933	10.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.380%#		
35) Dibromofluoromethane	7.890	113	10097	10.353	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.700%#		
50) Toluene-d8	10.323	98	39125	10.769	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	21.540%#		
62) 4-Bromofluorobenzene	12.615	95	13827	10.351	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	20.700%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	1978	3.601	ug/l	91
3) Chloromethane	2.214	50	6545	7.462	ug/l	93
4) Vinyl Chloride	2.355	62	8114	5.916	ug/l	95
5) Bromomethane	2.769	94	5005	4.645	ug/l	97
6) Chloroethane	2.909	64	3589	4.001	ug/l	94
7) Trichlorofluoromethane	3.251	101	6274	7.823	ug/l	94
8) Diethyl Ether	3.678	74	4796	9.395	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	10377	9.595	ug/l	99
10) Methyl Iodide	4.269	142	12188	8.315	ug/l	99
11) Tert butyl alcohol	5.171	59	3506	58.918	ug/l #	94
12) 1,1-Dichloroethene	4.043	96	9346	9.207	ug/l	99
13) Acrolein	3.897	56	3102	65.939	ug/l	98
14) Allyl chloride	4.671	41	14332	10.036	ug/l	99
15) Acrylonitrile	5.372	53	11980	53.378	ug/l	98
16) Acetone	4.129	43	12962	61.747	ug/l	94
17) Carbon Disulfide	4.385	76	25526	8.248	ug/l	98
18) Methyl Acetate	4.677	43	8332	13.997	ug/l	96
19) Methyl tert-butyl Ether	5.427	73	16057	11.355	ug/l	100
20) Methylene Chloride	4.915	84	16162	11.559	ug/l	98
21) trans-1,2-Dichloroethene	5.427	96	10071	8.738	ug/l	99
22) Diisopropyl ether	6.317	45	29796	9.973	ug/l	98
23) Vinyl Acetate	6.256	43	80906	48.707	ug/l	98
24) 1,1-Dichloroethane	6.220	63	19196	9.225	ug/l	99
25) 2-Butanone	7.177	43	16011	55.450	ug/l	95
26) 2,2-Dichloropropane	7.171	77	12790	10.011	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	11121	9.042	ug/l	98
28) Bromochloromethane	7.512	49	7238	8.740	ug/l #	98
29) Tetrahydrofuran	7.531	42	9679	54.230	ug/l	98
30) Chloroform	7.677	83	20560	9.403	ug/l	99
31) Cyclohexane	7.957	56	19160	10.095	ug/l #	92
32) 1,1,1-Trichloroethane	7.878	97	17053	9.571	ug/l	99
36) 1,1-Dichloropropene	8.085	75	15571	10.005	ug/l	99
37) Ethyl Acetate	7.250	43	6858	11.211	ug/l	99
38) Carbon Tetrachloride	8.073	117	15883	10.046	ug/l	94
39) Methylcyclohexane	9.335	83	17196	9.583	ug/l	94
40) Benzene	8.323	78	44165	10.328	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	3933	11.259	ug/l	92
42) 1,2-Dichloroethane	8.402	62	14365	10.798	ug/l	100
43) Isopropyl Acetate	8.427	43	12894	11.212	ug/l	98
44) Trichloroethene	9.091	130	12118	10.723	ug/l	94
45) 1,2-Dichloropropane	9.372	63	10558	10.154	ug/l	98
46) Dibromomethane	9.457	93	6029	10.230	ug/l	97
47) Bromodichloromethane	9.646	83	14763	10.105	ug/l	97
48) Methyl methacrylate	9.439	41	5634	11.005	ug/l	99
49) 1,4-Dioxane	9.451	88	1616	213.794	ug/l	96
51) 4-Methyl-2-Pentanone	10.213	43	35143	58.064	ug/l	99
52) Toluene	10.390	92	27021	9.975	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	13901	9.793	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	16327	9.968	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	8372	10.361	ug/l	98
56) Ethyl methacrylate	10.646	69	9503	10.255	ug/l	98
57) 1,3-Dichloropropane	10.932	76	14078	10.205	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.926	63	22626	53.484	ug/l	97
59) 2-Hexanone	10.969	43	24589	59.746	ug/l	97
60) Dibromochloromethane	11.127	129	9393	10.084	ug/l	98
61) 1,2-Dibromoethane	11.237	107	7844	10.324	ug/l	99
64) Tetrachloroethene	10.865	164	10610	11.133	ug/l	94
65) Chlorobenzene	11.658	112	30250	10.451	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	10665	10.320	ug/l	99
67) Ethyl Benzene	11.731	91	51411	10.059	ug/l	98
68) m/p-Xylenes	11.841	106	40081	20.025	ug/l	98
69) o-Xylene	12.164	106	18019	9.850	ug/l	99
70) Styrene	12.182	104	31335	10.064	ug/l	98
71) Bromoform	12.353	173	6160	11.683	ug/l #	100
73) Isopropylbenzene	12.463	105	50695	9.314	ug/l	100
74) N-amyl acetate	12.274	43	12054	10.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	10017	9.792	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	8172m	10.861	ug/l	
77) Bromobenzene	12.749	156	12548	9.787	ug/l	99
78) n-propylbenzene	12.804	91	62795	9.187	ug/l	100
79) 2-Chlorotoluene	12.889	91	36887	9.257	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	45340	9.453	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.511	75	2899	9.407	ug/l	96
82) 4-Chlorotoluene	12.987	91	39957	9.579	ug/l	99
83) tert-Butylbenzene	13.206	119	38483	9.507	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	45019	9.616	ug/l	98
85) sec-Butylbenzene	13.383	105	58332	9.549	ug/l	99
86) p-Isopropyltoluene	13.499	119	49622	9.682	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	26652	9.843	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	27747	10.348	ug/l	97
89) n-Butylbenzene	13.822	91	45773	9.339	ug/l	98
90) Hexachloroethane	14.090	117	8875	9.161	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	24148	10.337	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.487	75	1767	10.359	ug/l	94
93) 1,2,4-Trichlorobenzene	15.133	180	15182	10.453	ug/l	98
94) Hexachlorobutadiene	15.230	225	10796	12.368	ug/l	97
95) Naphthalene	15.365	128	24617	9.739	ug/l	100
96) 1,2,3-Trichlorobenzene	15.553	180	14275	11.150	ug/l	97

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

