

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110521\
 Data File : VW020759.D
 Acq On : 04 Nov 2021 13:38
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 04 15:41:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110521S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 04 15:39:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	107616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	160263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	144445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	76377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	11727	11.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.280%#
35) Dibromofluoromethane	7.884	113	10782	10.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.680%#
50) Toluene-d8	10.323	98	42651	11.506	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	23.020%#
62) 4-Bromofluorobenzene	12.615	95	15441	11.629	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	23.260%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.007	85	1814	6.787	ug/l	89
3) Chloromethane	2.215	50	7460	11.358	ug/l	99
4) Vinyl Chloride	2.361	62	8801	7.389	ug/l	100
5) Bromomethane	2.776	94	5708	5.842	ug/l	89
6) Chloroethane	2.916	64	3487	6.978	ug/l	98
7) Trichlorofluoromethane	3.257	101	4617	10.722	ug/l #	82
8) Diethyl Ether	3.684	74	4178	9.904	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	4.068	101	8761	8.926	ug/l	97
10) Methyl Iodide	4.275	142	10281	8.103	ug/l	98
11) Tert butyl alcohol	5.165	59	3319	73.588	ug/l	99
12) 1,1-Dichloroethene	4.038	96	8578	9.315	ug/l	85
13) Acrolein	3.891	56	1097	69.212	ug/l #	74
14) Allyl chloride	4.672	41	14904	16.931	ug/l #	78
15) Acrylonitrile	5.360	53	10005	60.921	ug/l	99
16) Acetone	4.129	43	9556	58.523	ug/l #	86
17) Carbon Disulfide	4.385	76	22846	9.679	ug/l	97
18) Methyl Acetate	4.678	43	7744	14.086	ug/l #	83
19) Methyl tert-butyl Ether	5.434	73	13362	12.141	ug/l	92
20) Methylene Chloride	4.915	84	17437	13.520	ug/l #	66
21) trans-1,2-Dichloroethene	5.421	96	9318	9.175	ug/l #	81
22) Diisopropyl ether	6.311	45	28785	14.039	ug/l #	91
23) Vinyl Acetate	6.257	43	73788	66.059	ug/l #	87
24) 1,1-Dichloroethane	6.214	63	17218	10.651	ug/l	95
25) 2-Butanone	7.171	43	13188	63.800	ug/l #	83
26) 2,2-Dichloropropane	7.165	77	11304	11.473	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	10730	9.572	ug/l	84
28) Bromochloromethane	7.513	49	8309	12.579	ug/l #	67
29) Tetrahydrofuran	7.537	42	8505	69.666	ug/l #	71
30) Chloroform	7.677	83	17816	9.213	ug/l	99
31) Cyclohexane	7.958	56	18846	12.712	ug/l #	80
32) 1,1,1-Trichloroethane	7.872	97	15398	9.915	ug/l	94
36) 1,1-Dichloropropene	8.086	75	13242	9.940	ug/l	94
37) Ethyl Acetate	7.256	43	5673	12.859	ug/l #	94
38) Carbon Tetrachloride	8.073	117	14365	10.126	ug/l	92
39) Methylcyclohexane	9.335	83	17590	10.839	ug/l #	82
40) Benzene	8.323	78	40206	10.511	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	3490	15.279	ug/l #	87
42) 1,2-Dichloroethane	8.403	62	11459	10.442	ug/l	97
43) Isopropyl Acetate	8.427	43	12253	14.229	ug/l #	85
44) Trichloroethene	9.098	130	10680	9.227	ug/l	90
45) 1,2-Dichloropropane	9.372	63	9666	11.415	ug/l	100
46) Dibromomethane	9.457	93	5005	8.838	ug/l	96
47) Bromodichloromethane	9.646	83	13582	10.073	ug/l	93
48) Methyl methacrylate	9.439	41	5401	13.595	ug/l #	81
49) 1,4-Dioxane	9.457	88	1313	198.086	ug/l #	75
51) 4-Methyl-2-Pentanone	10.213	43	30801	69.291	ug/l	87
52) Toluene	10.390	92	24004	9.689	ug/l	96
53) t-1,3-Dichloropropene	10.610	75	13497	10.671	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	15809	10.912	ug/l #	83
55) 1,1,2-Trichloroethane	10.786	97	6903	8.934	ug/l	91
56) Ethyl methacrylate	10.646	69	9994	11.627	ug/l #	82
57) 1,3-Dichloropropane	10.933	76	11350	9.110	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	23552	63.377	ug/l	94
59) 2-Hexanone	10.969	43	21257	67.691	ug/l	83
60) Dibromochloromethane	11.128	129	9136	9.401	ug/l	96
61) 1,2-Dibromoethane	11.237	107	7077	9.245	ug/l	100
64) Tetrachloroethene	10.859	164	9373	9.683	ug/l	97
65) Chlorobenzene	11.658	112	26560	9.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.725	131	9477	9.231	ug/l	97
67) Ethyl Benzene	11.731	91	48751	10.361	ug/l	99
68) m/p-Xylenes	11.835	106	36975	19.582	ug/l	98
69) o-Xylene	12.164	106	17806	10.053	ug/l	90
70) Styrene	12.182	104	30721	10.357	ug/l	94
71) Bromoform	12.347	173	5812	10.017	ug/l #	97
73) Isopropylbenzene	12.463	105	49137	10.426	ug/l	100
74) N-amyl acetate	12.268	43	11866	14.551	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.713	83	8193	9.531	ug/l	97
76) 1,2,3-Trichloropropane	12.762	75	8040m	13.062	ug/l	
77) Bromobenzene	12.743	156	10831	9.268	ug/l	87
78) n-propylbenzene	12.804	91	57496	10.066	ug/l	99
79) 2-Chlorotoluene	12.890	91	32743	10.104	ug/l	94
80) 1,3,5-Trimethylbenzene	12.944	105	41575	10.273	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	2834	11.164	ug/l	88
82) 4-Chlorotoluene	12.987	91	33658	9.951	ug/l	98
83) tert-Butylbenzene	13.201	119	35239	9.981	ug/l	92
84) 1,2,4-Trimethylbenzene	13.249	105	42001	10.560	ug/l	98
85) sec-Butylbenzene	13.383	105	53918	10.098	ug/l	100
86) p-Isopropyltoluene	13.493	119	44767	9.987	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	23201	9.540	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	22972	9.447	ug/l	98
89) n-Butylbenzene	13.822	91	42631	10.131	ug/l	98
90) Hexachloroethane	14.091	117	8538	9.622	ug/l	83
91) 1,2-Dichlorobenzene	13.871	146	20798	9.603	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1628	12.498	ug/l	85
93) 1,2,4-Trichlorobenzene	15.127	180	15459	11.235	ug/l	96
94) Hexachlorobutadiene	15.231	225	9151	11.713	ug/l	95
95) Naphthalene	15.365	128	26500	11.022	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	12976	11.017	ug/l	98

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

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