

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110521\
 Data File : VW020765.D
 Acq On : 04 Nov 2021 18:42
 Operator : SY/VA
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 04 19:08:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110521S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 04 19:03:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	110158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	161105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	140161	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	75209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	5671	4.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.600%#
35) Dibromofluoromethane	7.890	113	5869	5.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.740%#
50) Toluene-d8	10.323	98	22091	5.215	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.440%#
62) 4-Bromofluorobenzene	12.615	95	8269	5.108	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.220%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.007	85	936	3.504	ug/l	82
3) Chloromethane	2.215	50	4233	5.602	ug/l	90
4) Vinyl Chloride	2.355	62	4747	4.863	ug/l	98
5) Bromomethane	2.776	94	3137	5.228	ug/l	# 78
6) Chloroethane	2.922	64	2030	5.257	ug/l	90
7) Trichlorofluoromethane	3.251	101	2824	5.427	ug/l	# 85
8) Diethyl Ether	3.684	74	2382	4.870	ug/l	# 53
9) 1,1,2-Trichlorotrifluo...	4.068	101	4927	5.010	ug/l	96
10) Methyl Iodide	4.275	142	6059	4.750	ug/l	98
11) Tert butyl alcohol	5.165	59	1922	26.459	ug/l	100
12) 1,1-Dichloroethene	4.044	96	5043	5.213	ug/l	89
13) Acrolein	3.897	56	633	26.848	ug/l	# 77
14) Allyl chloride	4.672	41	8464	5.103	ug/l	# 80
15) Acrylonitrile	5.373	53	5115	22.539	ug/l	99
16) Acetone	4.123	43	6618	25.685	ug/l	91
17) Carbon Disulfide	4.385	76	14019	5.328	ug/l	96
18) Methyl Acetate	4.678	43	3900	4.654	ug/l	# 59
19) Methyl tert-butyl Ether	5.421	73	7584	5.243	ug/l	99
20) Methylene Chloride	4.915	84	9028	6.564	ug/l	# 72
21) trans-1,2-Dichloroethene	5.427	96	5455	5.164	ug/l	92
22) Diisopropyl ether	6.311	45	16397	5.016	ug/l	# 85
23) Vinyl Acetate	6.257	43	40076	22.660	ug/l	# 83
24) 1,1-Dichloroethane	6.220	63	9786	5.044	ug/l	94
25) 2-Butanone	7.171	43	7793	24.086	ug/l	# 75
26) 2,2-Dichloropropane	7.171	77	6593	5.363	ug/l	95
27) cis-1,2-Dichloroethene	7.171	96	6012	5.023	ug/l	84
28) Bromochloromethane	7.519	49	4346	5.046	ug/l	# 70
29) Tetrahydrofuran	7.543	42	5038	25.449	ug/l	# 63
30) Chloroform	7.683	83	10134	5.085	ug/l	96
31) Cyclohexane	7.951	56	11645	5.787	ug/l	# 79
32) 1,1,1-Trichloroethane	7.878	97	8524	5.075	ug/l	94
36) 1,1-Dichloropropene	8.079	75	7846	5.177	ug/l	97
37) Ethyl Acetate	7.256	43	3123	4.599	ug/l	# 91
38) Carbon Tetrachloride	8.067	117	8346	5.266	ug/l	91
39) Methylcyclohexane	9.335	83	10131	5.121	ug/l	# 83
40) Benzene	8.323	78	25238	5.835	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	1827	4.514	ug/l	86
42) 1,2-Dichloroethane	8.403	62	6167	4.818	ug/l	98
43) Isopropyl Acetate	8.427	43	6282	4.512	ug/l #	88
44) Trichloroethene	9.091	130	6342	5.377	ug/l	90
45) 1,2-Dichloropropane	9.366	63	5217	4.990	ug/l	97
46) Dibromomethane	9.463	93	2858	5.064	ug/l	97
47) Bromodichloromethane	9.646	83	7618	5.053	ug/l	99
48) Methyl methacrylate	9.439	41	2953	4.491	ug/l #	80
49) 1,4-Dioxane	9.451	88	601	80.806	ug/l #	65
51) 4-Methyl-2-Pentanone	10.207	43	15648	22.612	ug/l	87
52) Toluene	10.390	92	13775	5.076	ug/l	95
53) t-1,3-Dichloropropene	10.603	75	7231	4.689	ug/l	92
54) cis-1,3-Dichloropropene	10.073	75	8500	4.876	ug/l #	76
55) 1,1,2-Trichloroethane	10.786	97	3826	4.937	ug/l	96
56) Ethyl methacrylate	10.646	69	5255	4.745	ug/l #	75
57) 1,3-Dichloropropane	10.933	76	6579	4.916	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	11409	24.205	ug/l	90
59) 2-Hexanone	10.969	43	12111	23.934	ug/l	81
60) Dibromochloromethane	11.128	129	5051	4.970	ug/l	98
61) 1,2-Dibromoethane	11.237	107	3750	4.821	ug/l	97
64) Tetrachloroethene	10.859	164	5201	5.168	ug/l	88
65) Chlorobenzene	11.658	112	14791	5.269	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	5441	5.134	ug/l	95
67) Ethyl Benzene	11.731	91	27250	5.243	ug/l	99
68) m/p-Xylenes	11.841	106	21529	10.718	ug/l	96
69) o-Xylene	12.164	106	10444	5.354	ug/l	99
70) Styrene	12.182	104	16966	5.203	ug/l	95
71) Bromoform	12.347	173	3036	4.861	ug/l #	99
73) Isopropylbenzene	12.463	105	27796	5.114	ug/l	100
74) N-amyl acetate	12.268	43	6423	4.648	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.713	83	4506	5.013	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	3614m	4.983	ug/l	
77) Bromobenzene	12.743	156	6540	5.282	ug/l	91
78) n-propylbenzene	12.804	91	33041	5.063	ug/l	99
79) 2-Chlorotoluene	12.890	91	18569	5.004	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	23555	5.103	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	1438	4.435	ug/l #	84
82) 4-Chlorotoluene	12.987	91	19955	5.142	ug/l	98
83) tert-Butylbenzene	13.207	119	20764	5.124	ug/l	94
84) 1,2,4-Trimethylbenzene	13.249	105	24050	5.270	ug/l	98
85) sec-Butylbenzene	13.383	105	30503	5.093	ug/l	99
86) p-Isopropyltoluene	13.493	119	25457	5.004	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	13338	5.280	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	13085	5.213	ug/l	96
89) n-Butylbenzene	13.822	91	23446	4.875	ug/l	99
90) Hexachloroethane	14.091	117	5076	5.040	ug/l	87
91) 1,2-Dichlorobenzene	13.865	146	11520	5.189	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	776	4.574	ug/l	85
93) 1,2,4-Trichlorobenzene	15.127	180	7977	4.999	ug/l	97
94) Hexachlorobutadiene	15.231	225	4931	5.046	ug/l	92
95) Naphthalene	15.359	128	13593	4.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	6883	5.121	ug/l	98

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

