

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019021.D
 Acq On : 18 May 2021 15:30
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

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 5/20/2021 5:58:38 PM

Quant Time: May 19 06:22:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 06:19:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	401716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	657878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	609121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	312034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	471151	124.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	248.02%	
35) Dibromofluoromethane	7.884	113	430006	128.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	257.80%	
50) Toluene-d8	10.323	98	1705651	130.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	261.18%	
62) 4-Bromofluorobenzene	12.615	95	637637	138.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	276.18%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	285602	107.83	ug/l	99
3) Chloromethane	2.215	50	313761	107.81	ug/l	100
4) Vinyl Chloride	2.367	62	453755	103.50	ug/l	98
5) Bromomethane	2.775	94	389405	106.07	ug/l	100
6) Chloroethane	2.922	64	309935	103.72	ug/l	98
7) Trichlorofluoromethane	3.257	101	248254	104.47	ug/l	97
8) Diethyl Ether	3.684	74	213562	101.88	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	384381	96.64	ug/l	100
10) Methyl Iodide	4.275	142	585890	102.50	ug/l	100
11) Tert butyl alcohol	5.190	59	108286	435.23	ug/l	98
12) 1,1-Dichloroethene	4.044	96	408323	102.99	ug/l	91
13) Acrolein	3.897	56	128447	464.88	ug/l	99
14) Allyl chloride	4.671	41	530400	102.81	ug/l	100
15) Acrylonitrile	5.366	53	396011	502.97	ug/l	100
16) Acetone	4.129	43	306236	463.03	ug/l	99
17) Carbon Disulfide	4.391	76	1147671	107.20	ug/l	99
18) Methyl Acetate	4.671	43	185627	97.13	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	505267	100.71	ug/l	99
20) Methylene Chloride	4.921	84	445004	68.75	ug/l	97
21) trans-1,2-Dichloroethene	5.427	96	462273	101.36	ug/l	98
22) Diisopropyl ether	6.311	45	1076424	102.66	ug/l	98
23) Vinyl Acetate	6.257	43	3767417	547.53	ug/l	100
24) 1,1-Dichloroethane	6.220	63	815034	99.12	ug/l	99
25) 2-Butanone	7.171	43	531845	504.92	ug/l	99
26) 2,2-Dichloropropane	7.171	77	429055	95.12	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	511176	101.41	ug/l	98
28) Bromochloromethane	7.512	49	322744	96.10	ug/l	96
29) Tetrahydrofuran	7.531	42	315931	516.98	ug/l	99
30) Chloroform	7.677	83	839503	100.78	ug/l	98
31) Cyclohexane	7.957	56	637560	89.26	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	622441	100.37	ug/l	99
36) 1,1-Dichloropropene	8.086	75	654528	100.05	ug/l	100
37) Ethyl Acetate	7.250	43	251889	99.85	ug/l	100
38) Carbon Tetrachloride	8.067	117	590194	103.98	ug/l	95
39) Methylcyclohexane	9.335	83	747632	104.79	ug/l	98
40) Benzene	8.323	78	1839986	100.50	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	153198	118.77	ug/l	91
42) 1,2-Dichloroethane	8.403	62	547792	101.96	ug/l	99
43) Isopropyl Acetate	8.427	43	503259	111.16	ug/l	99
44) Trichloroethene	9.091	130	489801	105.58	ug/l	98
45) 1,2-Dichloropropane	9.372	63	448282	101.90	ug/l	97
46) Dibromomethane	9.457	93	245953	103.56	ug/l	98
47) Bromodichloromethane	9.646	83	627843	108.26	ug/l	96
48) Methyl methacrylate	9.439	41	234904	114.10	ug/l	97
49) 1,4-Dioxane	9.457	88	57176	2140.49	ug/l #	84
51) 4-Methyl-2-Pentanone	10.213	43	1268906	530.96	ug/l	100
52) Toluene	10.390	92	1188977	103.72	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	649366	117.19	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	753989	111.91	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	343272	104.96	ug/l	97
56) Ethyl methacrylate	10.646	69	461345	117.99	ug/l	99
57) 1,3-Dichloropropane	10.933	76	607258	103.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	1161223	559.28	ug/l	98
59) 2-Hexanone	10.969	43	866157	552.91	ug/l	99
60) Dibromochloromethane	11.128	129	412073	116.99	ug/l	99
61) 1,2-Dibromoethane	11.237	107	336381	108.58	ug/l	99
64) Tetrachloroethene	10.866	164	407002	103.51	ug/l	92
65) Chlorobenzene	11.658	112	1255325	101.97	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	449244	109.45	ug/l	99
67) Ethyl Benzene	11.731	91	2350358	103.24	ug/l	100
68) m/p-Xylenes	11.841	106	1776365	207.63	ug/l	100
69) o-Xylene	12.164	106	847346	108.38	ug/l	99
70) Styrene	12.182	104	1442990	109.11	ug/l	99
71) Bromoform	12.353	173	238234	120.29	ug/l	97
73) Isopropylbenzene	12.463	105	2347092	104.39	ug/l	99
74) N-amyl acetate	12.274	43	509082	113.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	404993	98.95	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	324673m	113.18	ug/l	
77) Bromobenzene	12.749	156	509940	102.66	ug/l	97
78) n-propylbenzene	12.804	91	2790504	99.48	ug/l	98
79) 2-Chlorotoluene	12.890	91	1608710	101.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	1971981	102.11	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	135740	121.37	ug/l	96
82) 4-Chlorotoluene	12.987	91	1715917	101.87	ug/l	99
83) tert-Butylbenzene	13.207	119	1685239	104.47	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	1944352	101.28	ug/l	99
85) sec-Butylbenzene	13.383	105	2439884	100.58	ug/l	98
86) p-Isopropyltoluene	13.499	119	2164604	103.68	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	1055122	102.65	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	1000859	98.61	ug/l	99
89) n-Butylbenzene	13.822	91	2075807	100.49	ug/l	99
90) Hexachloroethane	14.091	117	351185	110.17	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	917429	100.45	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	67805	106.32	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	619173	102.35	ug/l	98
94) Hexachlorobutadiene	15.231	225	354635	99.90	ug/l	97
95) Naphthalene	15.365	128	1151796	106.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	533833	101.83	ug/l	99

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

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