

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080321\
 Data File : VW019660.D
 Acq On : 03 Aug 2021 14:56
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00g/5.00mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

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 8/4/2021 7:04:15 PM

Quant Time: Aug 03 16:01:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W080321S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 15:58:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	679635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	1150537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	1045237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	496389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	844164	97.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.260%#	
35) Dibromofluoromethane	7.890	113	747083	98.236	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.480%#	
50) Toluene-d8	10.323	98	2959489	99.580	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 199.160%#	
62) 4-Bromofluorobenzene	12.615	95	1066993	100.622	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 201.240%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	368611	96.683	ug/l	95
3) Chloromethane	2.214	50	482443	92.892	ug/l	98
4) Vinyl Chloride	2.367	62	711114	94.036	ug/l	100
5) Bromomethane	2.788	94	525070	92.772	ug/l	95
6) Chloroethane	2.922	64	505109	105.055	ug/l	98
7) Trichlorofluoromethane	3.263	101	567469	98.831	ug/l	99
8) Diethyl Ether	3.684	74	357594	100.618	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.068	101	647943	94.388	ug/l	98
10) Methyl Iodide	4.275	142	846774	95.734	ug/l	97
11) Tert butyl alcohol	5.220	59	193086	574.325	ug/l	99
12) 1,1-Dichloroethene	4.043	96	666163	98.371	ug/l	95
13) Acrolein	3.903	56	192794	522.967	ug/l	99
14) Allyl chloride	4.671	41	999182	102.271	ug/l	91
15) Acrylonitrile	5.379	53	782648	511.761	ug/l	100
16) Acetone	4.147	43	567143	443.928	ug/l	93
17) Carbon Disulfide	4.385	76	1776052	99.175	ug/l	98
18) Methyl Acetate	4.677	43	345208	90.756	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	1011073	101.540	ug/l	100
20) Methylene Chloride	4.921	84	757266	68.454	ug/l	98
21) trans-1,2-Dichloroethene	5.427	96	747608	99.633	ug/l	96
22) Diisopropyl ether	6.311	45	2070916	99.523	ug/l	96
23) Vinyl Acetate	6.256	43	6512655	536.683	ug/l	100
24) 1,1-Dichloroethane	6.220	63	1404659	97.809	ug/l	99
25) 2-Butanone	7.177	43	934887	506.070	ug/l	97
26) 2,2-Dichloropropane	7.171	77	764694	95.934	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	827661	100.063	ug/l	99
28) Bromochloromethane	7.512	49	542419	95.844	ug/l	100
29) Tetrahydrofuran	7.537	42	619374	522.916	ug/l	96
30) Chloroform	7.677	83	1400863	96.113	ug/l	98
31) Cyclohexane	7.957	56	1165500	92.006	ug/l	97
32) 1,1,1-Trichloroethane	7.878	97	1113848	98.458	ug/l	98
36) 1,1-Dichloropropene	8.085	75	1096975	97.290	ug/l	99
37) Ethyl Acetate	7.256	43	458979	104.958	ug/l	100
38) Carbon Tetrachloride	8.073	117	1006307	96.343	ug/l	98
39) Methylcyclohexane	9.335	83	1330112	102.710	ug/l	96
40) Benzene	8.329	78	2998945	96.574	ug/l	100

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41) Methacrylonitrile	7.488	41	264208	107.203	ug/l	91
42) 1,2-Dichloroethane	8.402	62	925996	95.272	ug/l	99
43) Isopropyl Acetate	8.427	43	875910	105.597	ug/l	99
44) Trichloroethene	9.091	130	772046	96.658	ug/l	98
45) 1,2-Dichloropropane	9.372	63	758162	96.405	ug/l	98
46) Dibromomethane	9.457	93	406202	97.658	ug/l	99
47) Bromodichloromethane	9.646	83	1025902	98.764	ug/l	98
48) Methyl methacrylate	9.439	41	397819	107.914	ug/l	96
49) 1,4-Dioxane	9.475	88	110718	2045.123	ug/l #	94
51) 4-Methyl-2-Pentanone	10.213	43	2290470	527.800	ug/l	99
52) Toluene	10.390	92	1931333	98.727	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	1052637	103.795	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	1211362	102.160	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	560780	96.454	ug/l	99
56) Ethyl methacrylate	10.646	69	772374	110.464	ug/l	98
57) 1,3-Dichloropropane	10.932	76	1006938	98.048	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	1729590	532.541	ug/l	100
59) 2-Hexanone	10.969	43	1537609	525.494	ug/l	99
60) Dibromochloromethane	11.127	129	660660	104.469	ug/l	96
61) 1,2-Dibromoethane	11.237	107	545491	100.620	ug/l	97
64) Tetrachloroethene	10.865	164	638364	98.406	ug/l	97
65) Chlorobenzene	11.658	112	2020888	97.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	707813	99.646	ug/l	99
67) Ethyl Benzene	11.731	91	3765215	100.118	ug/l	99
68) m/p-Xylenes	11.841	106	2875867	200.186	ug/l	99
69) o-Xylene	12.164	106	1381738	103.811	ug/l	98
70) Styrene	12.182	104	2325262	103.372	ug/l	99
71) Bromoform	12.347	173	364450	106.806	ug/l #	93
73) Isopropylbenzene	12.463	105	3746607	106.616	ug/l	99
74) N-amyl acetate	12.274	43	826265	111.766	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	662797	102.671	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	456821m	67.944	ug/l	
77) Bromobenzene	12.749	156	800043	103.723	ug/l	98
78) n-propylbenzene	12.804	91	4536125	104.985	ug/l	99
79) 2-Chlorotoluene	12.889	91	2604088	102.790	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	3111824	103.874	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	209791	114.169	ug/l	98
82) 4-Chlorotoluene	12.987	91	2671881	101.409	ug/l	98
83) tert-Butylbenzene	13.206	119	2722421	105.747	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	3097724	103.850	ug/l	99
85) sec-Butylbenzene	13.383	105	4107945	105.086	ug/l	99
86) p-Isopropyltoluene	13.499	119	3378653	105.331	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	1628067	100.184	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	1576593	97.580	ug/l	99
89) n-Butylbenzene	13.822	91	3251095	103.026	ug/l	99
90) Hexachloroethane	14.090	117	621159	106.147	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	1434982	100.517	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	113668	108.108	ug/l	99
93) 1,2,4-Trichlorobenzene	15.127	180	919854	103.859	ug/l	99
94) Hexachlorobutadiene	15.230	225	510608	99.176	ug/l	97
95) Naphthalene	15.365	128	1901679	115.185	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	796833	101.783	ug/l	98

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

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