

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019065.D
 Acq On : 24 May 2021 13:12
 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
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 5/25/2021 5:58:37 PM

Quant Time: May 24 13:35:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 13:14:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	388332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	644342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	583673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	290719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	488152	120.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	240.46%	
35) Dibromofluoromethane	7.890	113	436338	118.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	237.54%	
50) Toluene-d8	10.323	98	1804137	124.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	248.44%	
62) 4-Bromofluorobenzene	12.621	95	648524	124.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	248.20%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	278299	106.93	ug/l	99
3) Chloromethane	2.215	50	299956	104.49	ug/l	99
4) Vinyl Chloride	2.367	62	473531	110.13	ug/l	99
5) Bromomethane	2.776	94	375424	104.67	ug/l	97
6) Chloroethane	2.922	64	317559	107.88	ug/l	99
7) Trichlorofluoromethane	3.263	101	279597	116.99	ug/l	100
8) Diethyl Ether	3.684	74	213366	103.77	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.074	101	408590	106.61	ug/l	99
10) Methyl Iodide	4.281	142	579800	104.10	ug/l	99
11) Tert butyl alcohol	5.184	59	116504	495.46	ug/l	99
12) 1,1-Dichloroethene	4.044	96	428530	109.77	ug/l	90
13) Acrolein	3.897	56	139263	528.51	ug/l	100
14) Allyl chloride	4.672	41	573417	112.20	ug/l	99
15) Acrylonitrile	5.367	53	397867	515.19	ug/l	100
16) Acetone	4.129	43	350439	543.03	ug/l	99
17) Carbon Disulfide	4.391	76	1164766	109.60	ug/l	100
18) Methyl Acetate	4.672	43	190428	101.90	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	514381	104.66	ug/l	99
20) Methylene Chloride	4.928	84	447310	80.34	ug/l	96
21) trans-1,2-Dichloroethene	5.427	96	475896	106.76	ug/l	99
22) Diisopropyl ether	6.311	45	1109958	107.01	ug/l	99
23) Vinyl Acetate	6.257	43	3810836	547.18	ug/l	99
24) 1,1-Dichloroethane	6.220	63	846292	105.88	ug/l	100
25) 2-Butanone	7.171	43	550153	528.74	ug/l	98
26) 2,2-Dichloropropane	7.171	77	471555	108.20	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	528182	106.87	ug/l	99
28) Bromochloromethane	7.512	49	340936	106.26	ug/l	100
29) Tetrahydrofuran	7.531	42	314439	518.12	ug/l	99
30) Chloroform	7.677	83	866144	106.67	ug/l	98
31) Cyclohexane	7.957	56	669815	100.07	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	662142	109.24	ug/l	99
36) 1,1-Dichloropropene	8.086	75	695924	106.83	ug/l	99
37) Ethyl Acetate	7.256	43	251733	99.71	ug/l	99
38) Carbon Tetrachloride	8.073	117	637106	111.09	ug/l	99
39) Methylcyclohexane	9.335	83	786156	109.30	ug/l	99
40) Benzene	8.323	78	1881838	103.76	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	153986	109.77	ug/l	90
42) 1,2-Dichloroethane	8.403	62	563752	104.87	ug/l	100
43) Isopropyl Acetate	8.427	43	507875	107.63	ug/l	99
44) Trichloroethene	9.091	130	508955	108.80	ug/l	99
45) 1,2-Dichloropropane	9.372	63	462661	105.28	ug/l	96
46) Dibromomethane	9.457	93	243478	102.29	ug/l	98
47) Bromodichloromethane	9.646	83	643524	108.53	ug/l	98
48) Methyl methacrylate	9.439	41	237878	109.73	ug/l	97
49) 1,4-Dioxane	9.463	88	63557	2289.31	ug/l #	83
51) 4-Methyl-2-Pentanone	10.207	43	1275452	522.71	ug/l	99
52) Toluene	10.390	92	1238086	107.81	ug/l	100
53) t-1,3-Dichloropropene	10.609	75	658171	112.37	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	769532	110.29	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	339481	102.92	ug/l	99
56) Ethyl methacrylate	10.646	69	464362	111.76	ug/l	99
57) 1,3-Dichloropropane	10.933	76	608911	103.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	1137974	534.21	ug/l	99
59) 2-Hexanone	10.969	43	878286	539.37	ug/l	100
60) Dibromochloromethane	11.128	129	408883	111.44	ug/l	100
61) 1,2-Dibromoethane	11.237	107	332447	105.05	ug/l	98
64) Tetrachloroethene	10.866	164	414707	108.03	ug/l	89
65) Chlorobenzene	11.658	112	1280565	106.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	455264	110.87	ug/l	99
67) Ethyl Benzene	11.731	91	2448877	109.96	ug/l	98
68) m/p-Xylenes	11.841	106	1815017	217.76	ug/l	97
69) o-Xylene	12.164	106	873568	112.36	ug/l	100
70) Styrene	12.182	104	1479313	111.75	ug/l	99
71) Bromoform	12.347	173	233545	114.19	ug/l #	98
73) Isopropylbenzene	12.463	105	2446376	113.94	ug/l	99
74) N-amyl acetate	12.274	43	505431	113.35	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	396816	103.08	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	272774m	100.75	ug/l	
77) Bromobenzene	12.749	156	507823	107.67	ug/l	96
78) n-propylbenzene	12.804	91	2944248	111.80	ug/l	99
79) 2-Chlorotoluene	12.890	91	1664845	111.12	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	2040567	111.62	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	134640	117.46	ug/l	98
82) 4-Chlorotoluene	12.987	91	1758803	110.40	ug/l	100
83) tert-Butylbenzene	13.207	119	1725881	111.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	2021453	111.23	ug/l	99
85) sec-Butylbenzene	13.383	105	2546547	111.23	ug/l	99
86) p-Isopropyltoluene	13.499	119	2225853	112.37	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	1056693	109.64	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	1008115	105.35	ug/l	99
89) n-Butylbenzene	13.822	91	2192237	112.41	ug/l	98
90) Hexachloroethane	14.091	117	358738	115.49	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	884047	103.32	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	67626	109.59	ug/l	95
93) 1,2,4-Trichlorobenzene	15.127	180	632957	109.71	ug/l	95
94) Hexachlorobutadiene	15.231	225	359950	108.83	ug/l	95
95) Naphthalene	15.365	128	1122758	107.43	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	519785	104.46	ug/l	98

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

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