

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010721\
 Data File : VW017799.D
 Acq On : 07 Jan 2021 14:03
 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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 1/8/2021 2:31:24 PM

Quant Time: Jan 08 05:02:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 08 04:59:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	188975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	342696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	309793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	156459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	215603	89.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	179.92%	
35) Dibromofluoromethane	7.885	113	206518	90.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	180.94%	
50) Toluene-d8	10.323	98	810362	91.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	182.92%	
62) 4-Bromofluorobenzene	12.615	95	288015	90.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	180.64%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	144625	91.98	ug/l	97
3) Chloromethane	2.215	50	146482	84.79	ug/l	98
4) Vinyl Chloride	2.367	62	238839	90.01	ug/l	94
5) Bromomethane	2.770	94	246220	84.51	ug/l	93
6) Chloroethane	2.916	64	164821	86.73	ug/l	96
7) Trichlorofluoromethane	3.257	101	183081	97.90	ug/l	100
8) Diethyl Ether	3.684	74	91907	96.47	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.068	101	187941	88.16	ug/l	99
10) Methyl Iodide	4.275	142	267684	94.08	ug/l	99
11) Tert butyl alcohol	5.184	59	52281	378.91	ug/l	99
12) 1,1-Dichloroethene	4.044	96	190072	93.58	ug/l	97
13) Acrolein	3.891	56	72104	456.85	ug/l	100
14) Allyl chloride	4.672	41	270152	95.57	ug/l	99
15) Acrylonitrile	5.361	53	212102	477.26	ug/l	99
16) Acetone	4.123	43	203180	484.11	ug/l	95
17) Carbon Disulfide	4.385	76	554899	92.31	ug/l	98
18) Methyl Acetate	4.666	43	88559	86.85	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	253381	90.54	ug/l	100
20) Methylene Chloride	4.922	84	205133	77.52	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	223178	92.20	ug/l	96
22) Diisopropyl ether	6.312	45	558198	96.32	ug/l	98
23) Vinyl Acetate	6.257	43	1858216	508.92	ug/l	99
24) 1,1-Dichloroethane	6.214	63	381446	93.93	ug/l	98
25) 2-Butanone	7.171	43	273354	468.30	ug/l	99
26) 2,2-Dichloropropane	7.165	77	219996	92.37	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	245259	96.53	ug/l	98
28) Bromochloromethane	7.513	49	168369	102.13	ug/l	94
29) Tetrahydrofuran	7.531	42	175312	476.48	ug/l	98
30) Chloroform	7.677	83	418931	96.31	ug/l	95
31) Cyclohexane	7.958	56	344610	83.92	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	348734	97.40	ug/l	98
36) 1,1-Dichloropropene	8.080	75	336408	88.99	ug/l	99
37) Ethyl Acetate	7.250	43	126987	87.69	ug/l	99
38) Carbon Tetrachloride	8.067	117	336083	95.37	ug/l	96
39) Methylcyclohexane	9.335	83	424118	92.87	ug/l	97
40) Benzene	8.323	78	903063	90.71	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	72240	87.14	ug/l	97
42) 1,2-Dichloroethane	8.403	62	272228	86.75	ug/l	99
43) Isopropyl Acetate	8.421	43	244512	96.03	ug/l	99
44) Trichloroethene	9.092	130	252702	93.39	ug/l	96
45) 1,2-Dichloropropane	9.372	63	214449	91.50	ug/l	99
46) Dibromomethane	9.457	93	129764	93.07	ug/l	98
47) Bromodichloromethane	9.646	83	320570	94.78	ug/l	99
48) Methyl methacrylate	9.433	41	124420	94.01	ug/l	99
49) 1,4-Dioxane	9.451	88	30900	1893.97	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	616657	468.42	ug/l	98
52) Toluene	10.390	92	615729	94.28	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	312836	105.21	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	363279	100.32	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	170008	90.40	ug/l	99
56) Ethyl methacrylate	10.646	69	211112	101.44	ug/l	99
57) 1,3-Dichloropropane	10.933	76	297230	91.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	492028	465.02	ug/l	97
59) 2-Hexanone	10.969	43	421050	486.95	ug/l	99
60) Dibromochloromethane	11.128	129	218069	104.85	ug/l	95
61) 1,2-Dibromoethane	11.238	107	174188	96.70	ug/l	96
64) Tetrachloroethene	10.860	164	197307	90.82	ug/l	97
65) Chlorobenzene	11.658	112	650455	93.92	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	228325	100.89	ug/l	98
67) Ethyl Benzene	11.731	91	1188732	93.84	ug/l	98
68) m/p-Xylenes	11.841	106	925458	193.45	ug/l	99
69) o-Xylene	12.164	106	426609	97.20	ug/l	99
70) Styrene	12.183	104	727845	99.94	ug/l	99
71) Bromoform	12.347	173	117923	112.05	ug/l #	99
73) Isopropylbenzene	12.463	105	1166570	94.03	ug/l	100
74) N-amyl acetate	12.274	43	215424	101.26	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	196123	90.79	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	126118m	86.42	ug/l	
77) Bromobenzene	12.749	156	253992	95.08	ug/l	98
78) n-propylbenzene	12.804	91	1404626	93.41	ug/l	99
79) 2-Chlorotoluene	12.890	91	765872	92.37	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	983005	95.12	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	59986	117.98	ug/l	98
82) 4-Chlorotoluene	12.987	91	819365	91.55	ug/l	99
83) tert-Butylbenzene	13.207	119	859239	96.37	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	978854	93.02	ug/l	98
85) sec-Butylbenzene	13.384	105	1182483	93.05	ug/l	99
86) p-Isopropyltoluene	13.499	119	1086480	94.17	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	512955	94.11	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	487482	87.62	ug/l	99
89) n-Butylbenzene	13.822	91	1040908	90.40	ug/l	100
90) Hexachloroethane	14.091	117	199878	106.74	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	448869	93.91	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	32933	89.38	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	287284	91.95	ug/l	99
94) Hexachlorobutadiene	15.237	225	162044	93.78	ug/l	97
95) Naphthalene	15.365	128	588713	100.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	250664	93.96	ug/l	99

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

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