

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018348.D
 Acq On : 17 Mar 2021 15:42
 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

MMDadoda
 3/18/2021 4:12:30 PM

Quant Time: Mar 17 18:25:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:21:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	447441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	745295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	679087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	336205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	439580	80.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	160.44%	
35) Dibromofluoromethane	7.884	113	409989	83.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	167.48%	
50) Toluene-d8	10.323	98	1617034	88.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	176.00%	
62) 4-Bromofluorobenzene	12.615	95	623710	92.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	184.12%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	308839	78.40	ug/l	98
3) Chloromethane	2.221	50	447267	124.53	ug/l	98
4) Vinyl Chloride	2.367	62	525083	103.37	ug/l	97
5) Bromomethane	2.782	94	350272	88.03	ug/l	96
6) Chloroethane	2.928	64	344284	108.70	ug/l	99
7) Trichlorofluoromethane	3.257	101	359154	77.24	ug/l	91
8) Diethyl Ether	3.684	74	208874	88.61	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	400370	77.11	ug/l	97
10) Methyl Iodide	4.275	142	598373	84.42	ug/l	96
11) Tert butyl alcohol	5.159	59	132591	552.33	ug/l	100
12) 1,1-Dichloroethene	4.044	96	409399	81.67	ug/l	90
13) Acrolein	3.885	56	87676	307.30	ug/l	98
14) Allyl chloride	4.665	41	551411	95.26	ug/l	98
15) Acrylonitrile	5.360	53	418326	441.39	ug/l	99
16) Acetone	4.117	43	313775	418.86	ug/l	98
17) Carbon Disulfide	4.385	76	1145836	84.53	ug/l	97
18) Methyl Acetate	4.665	43	176352	91.11	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	600409	96.17	ug/l	98
20) Methylene Chloride	4.915	84	437933	63.48	ug/l	95
21) trans-1,2-Dichloroethene	5.421	96	484263	85.85	ug/l	92
22) Diisopropyl ether	6.311	45	1122613	93.84	ug/l	97
23) Vinyl Acetate	6.251	43	3544380	486.45	ug/l	99
24) 1,1-Dichloroethane	6.214	63	817088	89.48	ug/l	99
25) 2-Butanone	7.165	43	501888	463.21	ug/l	100
26) 2,2-Dichloropropane	7.165	77	505980	88.11	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	520858	85.31	ug/l	94
28) Bromochloromethane	7.513	49	317946	93.76	ug/l	91
29) Tetrahydrofuran	7.525	42	323600	467.11	ug/l	97
30) Chloroform	7.671	83	863568	83.69	ug/l	97
31) Cyclohexane	7.958	56	716123	86.05	ug/l	92
32) 1,1,1-Trichloroethane	7.872	97	705288	80.38	ug/l	99
36) 1,1-Dichloropropene	8.079	75	690658	87.44	ug/l	100
37) Ethyl Acetate	7.250	43	233727	92.77	ug/l	97
38) Carbon Tetrachloride	8.067	117	666535	81.30	ug/l #	96
39) Methylcyclohexane	9.335	83	887527	93.29	ug/l	97
40) Benzene	8.323	78	1859323	89.43	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	138446	98.66	ug/l	99
42) 1,2-Dichloroethane	8.396	62	580916	85.16	ug/l	100
43) Isopropyl Acetate	8.421	43	483874	100.94	ug/l	97
44) Trichloroethene	9.091	130	513194	86.59	ug/l	95
45) 1,2-Dichloropropane	9.366	63	446758	93.20	ug/l	96
46) Dibromomethane	9.457	93	257514	87.55	ug/l	98
47) Bromodichloromethane	9.646	83	674517	89.60	ug/l	97
48) Methyl methacrylate	9.433	41	243255	103.89	ug/l	96
49) 1,4-Dioxane	9.439	88	76641	2086.02	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	1199884	492.03	ug/l	99
52) Toluene	10.384	92	1253908	91.10	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	694995	102.00	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	784394	97.87	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	351002	88.67	ug/l	97
56) Ethyl methacrylate	10.646	69	462355	101.50	ug/l	99
57) 1,3-Dichloropropane	10.933	76	610563	91.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	1175994	511.36	ug/l	97
59) 2-Hexanone	10.969	43	825186	497.19	ug/l	98
60) Dibromochloromethane	11.128	129	449612	94.31	ug/l	98
61) 1,2-Dibromoethane	11.231	107	349558	90.28	ug/l	98
64) Tetrachloroethene	10.859	164	427488	89.47	ug/l	89
65) Chlorobenzene	11.658	112	1340309	88.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	488701	91.23	ug/l	98
67) Ethyl Benzene	11.731	91	2498126	88.99	ug/l	97
68) m/p-Xylenes	11.835	106	1928020	184.47	ug/l	97
69) o-Xylene	12.164	106	910158	95.01	ug/l	95
70) Styrene	12.176	104	1541009	93.91	ug/l	98
71) Bromoform	12.347	173	253876	100.54	ug/l #	97
73) Isopropylbenzene	12.463	105	2512571	89.36	ug/l	98
74) N-amyl acetate	12.268	43	477985	105.45	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	402025	88.39	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	261376m	83.09	ug/l	
77) Bromobenzene	12.749	156	549000	92.78	ug/l	97
78) n-propylbenzene	12.804	91	2943764	89.28	ug/l	97
79) 2-Chlorotoluene	12.890	91	1697303	88.74	ug/l	93
80) 1,3,5-Trimethylbenzene	12.944	105	2169327	90.26	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	142508	111.97	ug/l	89
82) 4-Chlorotoluene	12.987	91	1787903	88.99	ug/l	97
83) tert-Butylbenzene	13.207	119	1817769	88.77	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	2136138	88.93	ug/l	96
85) sec-Butylbenzene	13.383	105	2536309	89.00	ug/l	98
86) p-Isopropyltoluene	13.493	119	2312667	88.32	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	1091459	91.27	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	1080063	91.57	ug/l	100
89) n-Butylbenzene	13.822	91	2212969	88.41	ug/l	97
90) Hexachloroethane	14.091	117	443211	97.59	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	937360	91.31	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	72450	91.35	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	688558	96.80	ug/l	92
94) Hexachlorobutadiene	15.231	225	381529	93.45	ug/l	92
95) Naphthalene	15.365	128	1242789	91.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	554461	91.50	ug/l	94

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

