

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010017.D
 Acq On : 17 Apr 2019 15:19
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW041719

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 11:40:27 AM

Quant Time: Apr 18 02:36:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	462823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	737649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	655272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	332303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	289697	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	7.88	113	240146	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.32	98	945619	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.62	95	337336	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	198107	56.138	ug/l	100
3) Chloromethane	2.21	50	203002	57.523	ug/l	100
4) Vinyl Chloride	2.37	62	240628	58.659	ug/l	100
5) Bromomethane	2.78	94	154901	56.189	ug/l	100
6) Chloroethane	2.92	64	147534	55.044	ug/l	95
7) Trichlorofluoromethane	3.25	101	153752	54.210	ug/l	96
8) Diethyl Ether	3.67	74	124362	52.713	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	248275	52.022	ug/l	99
10) Methyl Iodide	4.26	142	362990	55.038	ug/l	99
11) Tert butyl alcohol	5.20	59	77811	239.175	ug/l	99
12) 1,1-Dichloroethene	4.03	96	257188	56.211	ug/l	97
13) Acrolein	3.89	56	88573	258.789	ug/l	98
14) Allyl chloride	4.65	41	455099	55.947	ug/l	99
15) Acrylonitrile	5.37	53	312124	257.075	ug/l	99
16) Acetone	4.12	43	335067	252.846	ug/l	96
17) Carbon Disulfide	4.37	76	765901	55.416	ug/l	99
18) Methyl Acetate	4.67	43	146301	47.701	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	324212	54.555	ug/l	99
20) Methylene Chloride	4.91	84	280514	54.857	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	278991	56.310	ug/l	92
22) Diisopropyl ether	6.31	45	879093	53.278	ug/l	98
23) Vinyl Acetate	6.25	43	2945298	283.556	ug/l	99
24) 1,1-Dichloroethane	6.21	63	518591	52.576	ug/l	100
25) 2-Butanone	7.17	43	461375	265.039	ug/l	98
26) 2,2-Dichloropropane	7.16	77	293380	53.760	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	296907	54.488	ug/l	99
28) Bromochloromethane	7.51	49	209397	51.947	ug/l	98
29) Tetrahydrofuran	7.52	42	295162	267.596	ug/l	99
30) Chloroform	7.67	83	506554	51.252	ug/l	96
31) Cyclohexane	7.95	56	492728	53.345	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	403670	52.026	ug/l	99
36) 1,1-Dichloropropene	8.08	75	417717	55.437	ug/l	99
37) Ethyl Acetate	7.25	43	205870	53.768	ug/l	99
38) Carbon Tetrachloride	8.06	117	395178	53.738	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	509468	55.432	ug/l	98
40) Benzene	8.32	78	1114025	54.072	ug/l	99
41) Methacrylonitrile	7.48	41	122893	56.317	ug/l	98
42) 1,2-Dichloroethane	8.40	62	367511	51.906	ug/l	100
43) Isopropyl Acetate	8.42	43	385075	53.670	ug/l	99
44) Trichloroethene	9.09	130	284201	54.311	ug/l	100
45) 1,2-Dichloropropane	9.37	63	283208	52.297	ug/l	96
46) Dibromomethane	9.46	93	148680	52.972	ug/l	98
47) Bromodichloromethane	9.64	83	381849	52.702	ug/l	99
48) Methyl methacrylate	9.43	41	184695	52.883	ug/l	97
49) 1,4-Dioxane	9.46	88	41648	971.107	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	1019755	271.365	ug/l	100
52) Toluene	10.38	92	697405	54.342	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	398057	55.413	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	457858	55.819	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	199431	50.907	ug/l	96
56) Ethyl methacrylate	10.65	69	289289	53.010	ug/l	98
57) 1,3-Dichloropropane	10.93	76	367546	52.345	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	612591	261.693	ug/l	100
59) 2-Hexanone	10.97	43	735699	281.243	ug/l	100
60) Dibromochloromethane	11.13	129	244049	53.899	ug/l	99
61) 1,2-Dibromoethane	11.23	107	197854	53.092	ug/l	99
64) Tetrachloroethene	10.86	164	236480	55.593	ug/l	98
65) Chlorobenzene	11.66	112	724400	54.013	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	259585	54.124	ug/l	98
67) Ethyl Benzene	11.73	91	1380463	57.691	ug/l	98
68) m/p-Xylenes	11.84	106	1024580	114.547	ug/l	100
69) o-Xylene	12.16	106	475177	58.344	ug/l	98
70) Styrene	12.18	104	832246	59.266	ug/l	99
71) Bromoform	12.35	173	138138	54.468	ug/l #	98
73) Isopropylbenzene	12.46	105	1340053	57.942	ug/l	100
74) N-amyl acetate	12.27	43	363057	56.686	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	241366	52.824	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	174518m	52.473	ug/l	
77) Bromobenzene	12.75	156	295040	55.469	ug/l	97
78) n-propylbenzene	12.80	91	1648182	57.500	ug/l	100
79) 2-Chlorotoluene	12.90	91	915628	55.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1126446	57.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	82901	58.775	ug/l	98
82) 4-Chlorotoluene	12.99	91	958886	55.267	ug/l	100
83) tert-Butylbenzene	13.21	119	941285	57.965	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1134586	57.068	ug/l	99
85) sec-Butylbenzene	13.38	105	1363698	56.195	ug/l	100
86) p-Isopropyltoluene	13.50	119	1239049	57.929	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	575216	53.498	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	570921	53.196	ug/l	100
89) n-Butylbenzene	13.83	91	1246185	58.807	ug/l	99
90) Hexachloroethane	14.10	117	226745	55.348	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	511695	53.076	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	44043	53.862	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	356615	56.070	ug/l	99
94) Hexachlorobutadiene	15.24	225	215139	55.703	ug/l	99
95) Naphthalene	15.37	128	687452	54.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	314778	57.045	ug/l	99

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

