

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001120.D
 Acq On : 29 Jan 2018 15:04
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012918

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:55 PM

Quant Time: Jan 30 01:14:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	317914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	435857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	396976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	211255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149003	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.88	113	139226	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.33	98	558656	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.63	95	203017	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	132494	49.18	ug/l	100
3) Chloromethane	2.22	50	116941	49.69	ug/l	98
4) Vinyl Chloride	2.36	62	116483	49.72	ug/l	99
5) Bromomethane	2.75	94	86798	63.64	ug/l	98
6) Chloroethane	2.91	64	68714	51.68	ug/l	100
7) Trichlorofluoromethane	3.26	101	213865	49.12	ug/l	100
8) Diethyl Ether	3.68	74	54525	48.13	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	130491	45.06	ug/l	99
10) Methyl Iodide	4.26	142	148609	48.59	ug/l	99
11) Tert butyl alcohol	5.18	59	53167m	214.10	ug/l	
12) 1,1-Dichloroethene	4.03	96	113299	44.78	ug/l	98
13) Acrolein	3.89	56	74741	187.40	ug/l	97
14) Allyl chloride	4.67	41	185998	49.20	ug/l	99
15) Acrylonitrile	5.37	53	172245	223.94	ug/l	99
16) Acetone	4.12	43	189079	232.67	ug/l	97
17) Carbon Disulfide	4.37	76	357845	45.54	ug/l	100
18) Methyl Acetate	4.68	43	82463	43.32	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	308966	47.18	ug/l	97
20) Methylene Chloride	4.92	84	132532	49.28	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	137364	48.61	ug/l	98
22) Diisopropyl ether	6.31	45	350202	48.36	ug/l	98
23) Vinyl Acetate	6.26	43	1009755	232.72	ug/l	99
24) 1,1-Dichloroethane	6.21	63	226503	47.93	ug/l	98
25) 2-Butanone	7.18	43	238110	223.22	ug/l	98
26) 2,2-Dichloropropane	7.17	77	222029	47.50	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	144878	48.07	ug/l	99
28) Bromochloromethane	7.51	49	92524	48.17	ug/l	99
29) Tetrahydrofuran	7.53	42	136821	224.61	ug/l	100
30) Chloroform	7.68	83	240683	47.00	ug/l	99
31) Cyclohexane	7.95	56	215488	46.99	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	233854	48.26	ug/l	100
36) 1,1-Dichloropropene	8.08	75	196557	49.95	ug/l	99
37) Ethyl Acetate	7.26	43	91970	44.21	ug/l	99
38) Carbon Tetrachloride	8.07	117	213810	48.65	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	239045	51.45	ug/l	99
40) Benzene	8.32	78	526722	48.34	ug/l	99
41) Methacrylonitrile	7.49	41	55586	48.17	ug/l	97
42) 1,2-Dichloroethane	8.40	62	157820	46.07	ug/l	99
43) Isopropyl Acetate	8.43	43	164814	46.05	ug/l	98
44) Trichloroethene	9.09	130	158527	48.46	ug/l	100
45) 1,2-Dichloropropane	9.37	63	124962	47.63	ug/l	99
46) Dibromomethane	9.46	93	74017	45.12	ug/l	98
47) Bromodichloromethane	9.65	83	177060	47.70	ug/l	99
48) Methyl methacrylate	9.44	41	82832	48.42	ug/l	97
49) 1,4-Dioxane	9.45	88	27647	945.70	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	450349	230.30	ug/l	100
52) Toluene	10.40	92	343750	49.14	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	179097	47.82	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	198547	47.49	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	106953	45.73	ug/l	99
56) Ethyl methacrylate	10.66	69	130620	47.64	ug/l	99
57) 1,3-Dichloropropane	10.94	76	175644	46.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	409021	226.83	ug/l	100
59) 2-Hexanone	10.98	43	345806	233.74	ug/l	99
60) Dibromochloromethane	11.14	129	133400	46.81	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108814	46.14	ug/l	99
64) Tetrachloroethene	10.87	164	145406	45.55	ug/l	99
65) Chlorobenzene	11.67	112	388727	48.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	140289	47.98	ug/l	99
67) Ethyl Benzene	11.74	91	671165	50.21	ug/l	98
68) m/p-Xylenes	11.85	106	527552	101.31	ug/l	98
69) o-Xylene	12.18	106	243555	50.72	ug/l	99
70) Styrene	12.20	104	403034	51.07	ug/l	100
71) Bromoform	12.36	173	88113	46.64	ug/l	99
73) Isopropylbenzene	12.48	105	694155	52.46	ug/l	100
74) N-amyl acetate	12.29	43	150051	49.65	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	128290	47.40	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	95628m	44.66	ug/l	
77) Bromobenzene	12.76	156	169193	49.25	ug/l	98
78) n-propylbenzene	12.82	91	823278	51.97	ug/l	100
79) 2-Chlorotoluene	12.91	91	462265	50.99	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	585894	51.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36038	44.26	ug/l	96
82) 4-Chlorotoluene	13.01	91	488222	50.51	ug/l	99
83) tert-Butylbenzene	13.23	119	530930	53.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	599259	52.04	ug/l	98
85) sec-Butylbenzene	13.40	105	738234	52.20	ug/l	100
86) p-Isopropyltoluene	13.52	119	659838	52.47	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	335225	49.42	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	332954	48.86	ug/l	100
89) n-Butylbenzene	13.84	91	615406	52.53	ug/l	99
90) Hexachloroethane	14.11	117	121550	51.83	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	303913	48.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25750	47.17	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	236267	51.72	ug/l	100
94) Hexachlorobutadiene	15.26	225	141366	50.04	ug/l	98
95) Naphthalene	15.39	128	467513	51.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	215431	51.14	ug/l	97

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

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