

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001122.D
 Acq On : 29 Jan 2018 16:33
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:56 PM

Quant Time: Jan 30 02:43:00 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	278127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	348038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188614	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130000	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.88	113	118595	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.33	98	475963	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.63	95	173891	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	114138	48.43	ug/l	99
3) Chloromethane	2.22	50	94903	46.09	ug/l	98
4) Vinyl Chloride	2.36	62	98489	48.05	ug/l	99
5) Bromomethane	2.75	94	70311	58.45	ug/l	96
6) Chloroethane	2.91	64	57461	49.40	ug/l	96
7) Trichlorofluoromethane	3.26	101	182537	47.92	ug/l	99
8) Diethyl Ether	3.68	74	46530	46.94	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	114394	45.15	ug/l	99
10) Methyl Iodide	4.26	142	132073	49.36	ug/l	99
11) Tert butyl alcohol	5.18	59	56033	257.92	ug/l	97
12) 1,1-Dichloroethene	4.03	96	96952	43.80	ug/l	98
13) Acrolein	3.89	56	70394	201.75	ug/l	99
14) Allyl chloride	4.66	41	159900	48.35	ug/l	99
15) Acrylonitrile	5.37	53	167475	248.88	ug/l	100
16) Acetone	4.13	43	184836	259.98	ug/l	99
17) Carbon Disulfide	4.37	76	330391	48.06	ug/l	99
18) Methyl Acetate	4.68	43	80304	48.26	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	275333	48.06	ug/l	99
20) Methylene Chloride	4.91	84	112978	47.95	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	117763	47.64	ug/l	100
22) Diisopropyl ether	6.32	45	305160	48.16	ug/l	99
23) Vinyl Acetate	6.26	43	912651	240.43	ug/l	100
24) 1,1-Dichloroethane	6.21	63	194057	46.94	ug/l	98
25) 2-Butanone	7.18	43	239185	256.31	ug/l	98
26) 2,2-Dichloropropane	7.17	77	190732	46.64	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	123209	46.73	ug/l	99
28) Bromochloromethane	7.51	49	80685	48.01	ug/l	98
29) Tetrahydrofuran	7.53	42	136447	256.03	ug/l	100
30) Chloroform	7.68	83	207262	46.26	ug/l	97
31) Cyclohexane	7.95	56	184850	46.07	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	200239	47.24	ug/l	100
36) 1,1-Dichloropropene	8.08	75	167259	48.89	ug/l	99
37) Ethyl Acetate	7.26	43	87346	48.28	ug/l	99
38) Carbon Tetrachloride	8.07	117	185417	48.52	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	201911	49.98	ug/l	97
40) Benzene	8.32	78	453560	47.88	ug/l	99
41) Methacrylonitrile	7.49	41	54637	54.45	ug/l	97
42) 1,2-Dichloroethane	8.40	62	142537	47.85	ug/l	99
43) Isopropyl Acetate	8.43	43	155644	50.02	ug/l	99
44) Trichloroethene	9.10	130	136044	47.83	ug/l	93
45) 1,2-Dichloropropane	9.37	63	109219	47.88	ug/l	99
46) Dibromomethane	9.46	93	68291	47.87	ug/l	100
47) Bromodichloromethane	9.65	83	154902	47.99	ug/l	100
48) Methyl methacrylate	9.45	41	75835	50.99	ug/l	99
49) 1,4-Dioxane	9.45	88	26878	1057.37	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	443509	260.83	ug/l	100
52) Toluene	10.40	92	295830	48.63	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	157445	48.35	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	175196	48.19	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	97435	47.91	ug/l	99
56) Ethyl methacrylate	10.65	69	120733	50.64	ug/l	99
57) 1,3-Dichloropropane	10.94	76	157782	47.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	397794	250.94	ug/l	100
59) 2-Hexanone	10.98	43	343410	266.96	ug/l	100
60) Dibromochloromethane	11.14	129	118300	47.74	ug/l	100
61) 1,2-Dibromoethane	11.24	107	98396	47.98	ug/l	100
64) Tetrachloroethene	10.87	164	128486	45.91	ug/l	97
65) Chlorobenzene	11.67	112	335059	47.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	122025	47.60	ug/l	99
67) Ethyl Benzene	11.74	91	575325	49.10	ug/l	99
68) m/p-Xylenes	11.85	106	450556	98.69	ug/l	99
69) o-Xylene	12.18	106	208729	49.58	ug/l	99
70) Styrene	12.19	104	345041	49.87	ug/l	100
71) Bromoform	12.36	173	82054	49.54	ug/l #	98
73) Isopropylbenzene	12.48	105	583651	49.40	ug/l	99
74) N-amyl acetate	12.29	43	139557	51.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	119831	49.59	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	89720m	46.93	ug/l	
77) Bromobenzene	12.76	156	148445	48.40	ug/l	97
78) n-propylbenzene	12.82	91	700780	49.55	ug/l	100
79) 2-Chlorotoluene	12.91	91	395679	48.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	499432	49.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34296	47.17	ug/l	98
82) 4-Chlorotoluene	13.01	91	415602	48.16	ug/l	100
83) tert-Butylbenzene	13.23	119	441718	49.48	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	512025	49.80	ug/l	99
85) sec-Butylbenzene	13.40	105	621719	49.24	ug/l	100
86) p-Isopropyltoluene	13.52	119	559851	49.86	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	287588	47.49	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	286702	47.12	ug/l	99
89) n-Butylbenzene	13.84	91	521418	49.85	ug/l	100
90) Hexachloroethane	14.11	117	100387	47.95	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	263921	47.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25164	51.62	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	199778	48.98	ug/l	99
94) Hexachlorobutadiene	15.26	225	121462	48.16	ug/l	99
95) Naphthalene	15.39	128	422847	52.54	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	185462	49.31	ug/l	98

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

