

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002283.D
 Acq On : 08 May 2018 01:51
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: May 08 03:35:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:17:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	352951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	264287	124.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	248.14%	
35) Dibromofluoromethane	7.88	113	243046	103.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.14%	
50) Toluene-d8	10.33	98	949964	107.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.90%	
62) 4-Bromofluorobenzene	12.63	95	346489	101.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	101669	53.72	ug/l	98
3) Chloromethane	2.21	50	185569	104.25	ug/l	99
4) Vinyl Chloride	2.36	62	322019	161.07	ug/l	98
5) Bromomethane	2.76	94	263589	165.65	ug/l	97
6) Chloroethane	2.92	64	226880	187.89	ug/l	95
7) Trichlorofluoromethane	3.25	101	134746	40.46	ug/l	98
8) Diethyl Ether	3.67	74	137824	144.57	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.04	101	218398	97.98	ug/l	99
10) Methyl Iodide	4.26	142	368706	147.91	ug/l	100
11) Tert butyl alcohol	5.18	59	90932	686.14	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	222956	115.69	ug/l	97
13) Acrolein	3.88	56	77129	721.52	ug/l	99
14) Allyl chloride	4.65	41	341138	142.10	ug/l	99
15) Acrylonitrile	5.36	53	284351	788.74	ug/l	100
16) Acetone	4.12	43	244770	577.31	ug/l	96
17) Carbon Disulfide	4.37	76	652686	107.92	ug/l	99
18) Methyl Acetate	4.67	43	154537	165.78	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	402327	102.86	ug/l	100
20) Methylene Chloride	4.91	84	232088	96.90	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	243956	113.46	ug/l	94
22) Diisopropyl ether	6.31	45	755517	157.63	ug/l	99
23) Vinyl Acetate	6.25	43	2326605	911.75	ug/l	100
24) 1,1-Dichloroethane	6.21	63	441287	126.19	ug/l	99
25) 2-Butanone	7.17	43	386306	818.63	ug/l	99
26) 2,2-Dichloropropane	7.17	77	213249	65.25	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	273661	120.24	ug/l	99
28) Bromochloromethane	7.51	49	198178	161.38	ug/l	96
29) Tetrahydrofuran	7.53	42	254978	929.36	ug/l	99
30) Chloroform	7.67	83	462265	114.29	ug/l	98
31) Cyclohexane	7.95	56	370310	116.87	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	351919	90.65	ug/l	98
36) 1,1-Dichloropropene	8.08	75	350541	100.74	ug/l	99
37) Ethyl Acetate	7.26	43	171390	155.19	ug/l	98
38) Carbon Tetrachloride	8.06	117	345121	82.01	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	415459	104.89	ug/l	100
40) Benzene	8.32	78	1013484	105.52	ug/l	99
41) Methacrylonitrile	7.48	41	98947	161.61	ug/l	93
42) 1,2-Dichloroethane	8.40	62	315868	106.65	ug/l	99
43) Isopropyl Acetate	8.43	43	337215	153.87	ug/l	99
44) Trichloroethene	9.09	130	274822	90.62	ug/l	97
45) 1,2-Dichloropropane	9.37	63	256385	117.15	ug/l	95
46) Dibromomethane	9.46	93	144144	115.65	ug/l	99
47) Bromodichloromethane	9.65	83	347562	104.15	ug/l	98
48) Methyl methacrylate	9.44	41	164625	155.12	ug/l	99
49) 1,4-Dioxane	9.45	88	47862	2501.81	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	920244	834.88	ug/l	100
52) Toluene	10.40	92	655240	103.43	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	353509	117.29	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	395365	114.40	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	200529	109.63	ug/l	99
56) Ethyl methacrylate	10.65	69	270823	143.11	ug/l	100
57) 1,3-Dichloropropane	10.94	76	342719	119.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	638856	775.42	ug/l	100
59) 2-Hexanone	10.98	43	636344	805.29	ug/l	100
60) Dibromochloromethane	11.13	129	250458	101.78	ug/l	100
61) 1,2-Dibromoethane	11.24	107	196859	116.07	ug/l	99
64) Tetrachloroethene	10.87	164	274571	91.31	ug/l	96
65) Chlorobenzene	11.66	112	735575	98.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	271952	95.69	ug/l	100
67) Ethyl Benzene	11.74	91	1313159	107.28	ug/l	99
68) m/p-Xylenes	11.85	106	1008610	204.72	ug/l	99
69) o-Xylene	12.18	106	484702	109.29	ug/l	99
70) Styrene	12.19	104	821128	111.19	ug/l	99
71) Bromoform	12.36	173	160353	102.51	ug/l	99
73) Isopropylbenzene	12.48	105	1332033	111.52	ug/l	100
74) N-amyl acetate	12.28	43	346145	178.85	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	247771	136.22	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	153271m	117.26	ug/l	
77) Bromobenzene	12.76	156	322526	103.22	ug/l	98
78) n-propylbenzene	12.82	91	1577857	113.00	ug/l	100
79) 2-Chlorotoluene	12.90	91	891349	108.71	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1118437	107.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	72021	148.08	ug/l	98
82) 4-Chlorotoluene	13.00	91	951767	102.89	ug/l	99
83) tert-Butylbenzene	13.22	119	968626	105.83	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1163973	108.61	ug/l	100
85) sec-Butylbenzene	13.40	105	1359566	107.13	ug/l	99
86) p-Isopropyltoluene	13.51	119	1236265	105.94	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	637377	99.56	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	635139	99.43	ug/l	98
89) n-Butylbenzene	13.83	91	1143298	109.42	ug/l	100
90) Hexachloroethane	14.10	117	221752	97.92	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	571000	102.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	42641	125.14	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	402228	98.38	ug/l	100
94) Hexachlorobutadiene	15.26	225	220047	77.23	ug/l	99
95) Naphthalene	15.38	128	787115	129.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	358337	102.53	ug/l	99

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

