

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002309.D
 Acq On : 08 May 2018 22:44
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 08:36:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	336847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183187	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126175	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.88	113	117375	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	10.33	98	452630	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.63	95	165917	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56882	62.68	ug/l	99
3) Chloromethane	2.21	50	89359	48.49	ug/l	99
4) Vinyl Chloride	2.36	62	151867	49.97	ug/l	98
5) Bromomethane	2.77	94	117861	48.22	ug/l	100
6) Chloroethane	2.92	64	102983	50.22	ug/l	94
7) Trichlorofluoromethane	3.24	101	54809	44.16	ug/l	92
8) Diethyl Ether	3.67	74	85138	61.28	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.04	101	104988	47.90	ug/l	99
10) Methyl Iodide	4.26	142	167316	47.04	ug/l	99
11) Tert butyl alcohol	5.18	59	41889	226.03	ug/l #	79
12) 1,1-Dichloroethene	4.03	96	102824	47.31	ug/l	94
13) Acrolein	3.89	56	33065	213.10	ug/l	95
14) Allyl chloride	4.65	41	141212	44.22	ug/l	99
15) Acrylonitrile	5.36	53	131505	241.31	ug/l	99
16) Acetone	4.12	43	124931	250.89	ug/l	97
17) Carbon Disulfide	4.37	76	293621	46.46	ug/l	98
18) Methyl Acetate	4.67	43	74076	49.58	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	183034	48.17	ug/l	99
20) Methylene Chloride	4.90	84	106260	44.26	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	111625	47.58	ug/l	98
22) Diisopropyl ether	6.31	45	327505	46.78	ug/l	97
23) Vinyl Acetate	6.25	43	1029672	245.61	ug/l	100
24) 1,1-Dichloroethane	6.21	63	201682	47.52	ug/l	99
25) 2-Butanone	7.18	43	184789	249.92	ug/l	100
26) 2,2-Dichloropropane	7.17	77	98557	46.58	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	124537	47.10	ug/l	98
28) Bromochloromethane	7.51	49	91958	47.90	ug/l #	99
29) Tetrahydrofuran	7.53	42	120898	249.31	ug/l	99
30) Chloroform	7.67	83	210506	47.36	ug/l	99
31) Cyclohexane	7.95	56	172294	45.47	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	159478	47.75	ug/l	99
36) 1,1-Dichloropropene	8.08	75	160593	50.02	ug/l	99
37) Ethyl Acetate	7.26	43	81378	52.02	ug/l	99
38) Carbon Tetrachloride	8.07	117	155071	49.95	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191796	51.19	ug/l	98
40) Benzene	8.32	78	461783	49.21	ug/l	97
41) Methacrylonitrile	7.48	41	50328	56.14	ug/l	96
42) 1,2-Dichloroethane	8.40	62	143583	49.06	ug/l	100
43) Isopropyl Acetate	8.43	43	155448	52.37	ug/l	98
44) Trichloroethene	9.09	130	128801	50.35	ug/l	96
45) 1,2-Dichloropropane	9.37	63	116206	49.43	ug/l	93
46) Dibromomethane	9.46	93	67391	51.28	ug/l	98
47) Bromodichloromethane	9.65	83	157516	50.79	ug/l	96
48) Methyl methacrylate	9.44	41	76211	52.88	ug/l	99
49) 1,4-Dioxane	9.45	88	22125	1059.75	ug/l	95
51) 4-Methyl-2-Pentanone	10.22	43	422665	258.15	ug/l	100
52) Toluene	10.39	92	298945	50.16	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	158398	51.94	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	176714	50.69	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	93225	50.38	ug/l	99
56) Ethyl methacrylate	10.65	69	119175	52.10	ug/l	99
57) 1,3-Dichloropropane	10.94	76	157289	50.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	297663	268.09	ug/l	99
59) 2-Hexanone	10.98	43	299919	267.80	ug/l	100
60) Dibromochloromethane	11.13	129	113577	52.00	ug/l	98
61) 1,2-Dibromoethane	11.24	107	91263	50.45	ug/l	100
64) Tetrachloroethene	10.87	164	128767	49.67	ug/l	98
65) Chlorobenzene	11.66	112	338370	49.16	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	121885	49.68	ug/l	99
67) Ethyl Benzene	11.74	91	586718	49.59	ug/l	98
68) m/p-Xylenes	11.85	106	456446	99.99	ug/l	100
69) o-Xylene	12.18	106	214078	49.32	ug/l	100
70) Styrene	12.19	104	362503	50.29	ug/l	100
71) Bromoform	12.36	173	71221	50.63	ug/l #	99
73) Isopropylbenzene	12.48	105	589257	49.52	ug/l	100
74) N-amyl acetate	12.28	43	152607	51.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	114107	49.61	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	86829m	53.45	ug/l	
77) Bromobenzene	12.76	156	147591	49.21	ug/l	100
78) n-propylbenzene	12.82	91	716041	50.76	ug/l	99
79) 2-Chlorotoluene	12.90	91	405019	49.86	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	503980	50.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33126	53.72	ug/l	99
82) 4-Chlorotoluene	13.00	91	430962	49.89	ug/l	100
83) tert-Butylbenzene	13.22	119	438265	50.86	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	524162	50.51	ug/l	100
85) sec-Butylbenzene	13.40	105	630169	51.22	ug/l	99
86) p-Isopropyltoluene	13.51	119	566744	51.52	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	297703	50.14	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	291847	49.24	ug/l	100
89) n-Butylbenzene	13.84	91	533257	51.80	ug/l	99
90) Hexachloroethane	14.10	117	99272	50.46	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	265089	49.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	20557	51.70	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	192428	49.97	ug/l	98
94) Hexachlorobutadiene	15.25	225	106708	49.74	ug/l	99
95) Naphthalene	15.38	128	370526	52.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	171381	49.63	ug/l	99

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

