

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002371.D
 Acq On : 10 May 2018 10:47
 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 10 14:11:27 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	254414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	373350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	336002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180674	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123463	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
35) Dibromofluoromethane	7.88	113	123339	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.33	98	482008	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.63	95	169631	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	47386	49.28	ug/l	92
3) Chloromethane	2.21	50	90002	46.09	ug/l	99
4) Vinyl Chloride	2.36	62	152150	47.25	ug/l	98
5) Bromomethane	2.77	94	112877	43.58	ug/l	98
6) Chloroethane	2.92	64	96084	44.22	ug/l	98
7) Trichlorofluoromethane	3.25	101	77962	59.28	ug/l	96
8) Diethyl Ether	3.67	74	59760	40.59	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	120802	52.02	ug/l	99
10) Methyl Iodide	4.26	142	189057	50.16	ug/l	99
11) Tert butyl alcohol	5.17	59	35308	179.80	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	116590	50.63	ug/l	97
13) Acrolein	3.88	56	29744	180.91	ug/l	99
14) Allyl chloride	4.65	41	175774	51.94	ug/l	98
15) Acrylonitrile	5.36	53	118850	205.82	ug/l	100
16) Acetone	4.12	43	154713	293.22	ug/l	97
17) Carbon Disulfide	4.37	76	330633	49.38	ug/l	99
18) Methyl Acetate	4.67	43	63202	39.92	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	181044	44.97	ug/l	98
20) Methylene Chloride	4.90	84	114907	45.17	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	124082	49.92	ug/l	97
22) Diisopropyl ether	6.31	45	347590	46.86	ug/l	98
23) Vinyl Acetate	6.25	43	1018429	229.26	ug/l	98
24) 1,1-Dichloroethane	6.20	63	221434	49.23	ug/l	100
25) 2-Butanone	7.17	43	173689	221.69	ug/l	99
26) 2,2-Dichloropropane	7.16	77	134101	59.82	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	136911	48.86	ug/l	99
28) Bromochloromethane	7.51	49	87573	43.05	ug/l	99
29) Tetrahydrofuran	7.53	42	100955	196.47	ug/l	99
30) Chloroform	7.67	83	225525	47.89	ug/l	98
31) Cyclohexane	7.95	56	200703	49.99	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	180515	51.01	ug/l	99
36) 1,1-Dichloropropene	8.08	75	184874	54.75	ug/l	99
37) Ethyl Acetate	7.25	43	67999	41.33	ug/l	99
38) Carbon Tetrachloride	8.06	117	179118	54.86	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	221970	56.33	ug/l	98
40) Benzene	8.32	78	508278	51.50	ug/l	100
41) Methacrylonitrile	7.48	41	36818	39.05	ug/l #	83
42) 1,2-Dichloroethane	8.40	62	144799	47.04	ug/l	100
43) Isopropyl Acetate	8.43	43	135572	43.43	ug/l	99
44) Trichloroethene	9.09	130	141323	52.52	ug/l	99
45) 1,2-Dichloropropane	9.37	63	126427	51.12	ug/l	98
46) Dibromomethane	9.46	93	65518	47.40	ug/l	99
47) Bromodichloromethane	9.65	83	163021	49.97	ug/l	100
48) Methyl methacrylate	9.44	41	67220	44.34	ug/l	99
49) 1,4-Dioxane	9.45	88	20195	919.68	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	361879	210.14	ug/l	100
52) Toluene	10.39	92	326954	52.16	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	163844	51.08	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	189753	51.75	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	90869	46.69	ug/l	98
56) Ethyl methacrylate	10.65	69	110608	45.97	ug/l	99
57) 1,3-Dichloropropane	10.94	76	155058	46.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	263490	225.63	ug/l	99
59) 2-Hexanone	10.98	43	272497	231.33	ug/l	100
60) Dibromochloromethane	11.13	129	111395	48.49	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88918	46.74	ug/l	100
64) Tetrachloroethene	10.87	164	123609	47.80	ug/l	98
65) Chlorobenzene	11.66	112	364786	53.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	127704	52.19	ug/l	98
67) Ethyl Benzene	11.74	91	652316	55.28	ug/l	98
68) m/p-Xylenes	11.85	106	505482	111.02	ug/l	99
69) o-Xylene	12.18	106	239995	55.42	ug/l	96
70) Styrene	12.19	104	388761	54.07	ug/l	99
71) Bromoform	12.36	173	66532	47.41	ug/l #	100
73) Isopropylbenzene	12.48	105	660474	56.28	ug/l	100
74) N-amyl acetate	12.28	43	134070	45.65	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	103876	45.79	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	64637m	40.34	ug/l	
77) Bromobenzene	12.76	156	155546	52.58	ug/l	97
78) n-propylbenzene	12.82	91	799149	57.44	ug/l	99
79) 2-Chlorotoluene	12.90	91	439878	54.91	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	551209	55.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31273	51.42	ug/l	96
82) 4-Chlorotoluene	13.00	91	466285	54.73	ug/l	100
83) tert-Butylbenzene	13.22	119	496346	58.40	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	570504	55.74	ug/l	99
85) sec-Butylbenzene	13.40	105	706332	58.21	ug/l	99
86) p-Isopropyltoluene	13.51	119	632717	58.32	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	313885	53.60	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	309536	52.95	ug/l	99
89) n-Butylbenzene	13.84	91	603697	59.46	ug/l	100
90) Hexachloroethane	14.10	117	107737	55.53	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	276252	51.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	16835	42.93	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	200696	52.84	ug/l	99
94) Hexachlorobutadiene	15.26	225	119606	56.53	ug/l	99
95) Naphthalene	15.38	128	334191	47.86	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	170701	50.12	ug/l	100

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

