

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002397.D
 Acq On : 10 May 2018 23:33
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: May 11 05:53:22 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	211226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	313568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	295082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114939	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.88	113	104362	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	10.33	98	395391	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.63	95	145661	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43207	54.12	ug/l	98
3) Chloromethane	2.21	50	82606	50.96	ug/l	99
4) Vinyl Chloride	2.36	62	137948	51.59	ug/l	100
5) Bromomethane	2.77	94	107855	50.16	ug/l	99
6) Chloroethane	2.92	64	93096	51.60	ug/l	98
7) Trichlorofluoromethane	3.25	101	49799	45.61	ug/l	96
8) Diethyl Ether	3.67	74	80755	66.07	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	96127	49.85	ug/l	99
10) Methyl Iodide	4.26	142	154143	49.26	ug/l	98
11) Tert butyl alcohol	5.18	59	44264	271.49	ug/l #	78
12) 1,1-Dichloroethene	4.03	96	94679	49.52	ug/l	96
13) Acrolein	3.89	56	41976	307.51	ug/l	98
14) Allyl chloride	4.65	41	126581	45.05	ug/l	99
15) Acrylonitrile	5.37	53	132639	276.66	ug/l	98
16) Acetone	4.12	43	121170	276.60	ug/l	97
17) Carbon Disulfide	4.37	76	258286	46.46	ug/l	100
18) Methyl Acetate	4.67	43	77468	58.94	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	179880	53.81	ug/l	99
20) Methylene Chloride	4.90	84	99420	47.07	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	102022	49.43	ug/l	94
22) Diisopropyl ether	6.31	45	307237	49.89	ug/l	99
23) Vinyl Acetate	6.25	43	991162	268.75	ug/l	99
24) 1,1-Dichloroethane	6.21	63	185049	49.56	ug/l	98
25) 2-Butanone	7.18	43	191639	294.62	ug/l	100
26) 2,2-Dichloropropane	7.17	77	89291	47.97	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	116648	50.14	ug/l	99
28) Bromochloromethane	7.51	49	87728	51.94	ug/l	98
29) Tetrahydrofuran	7.53	42	123413	289.29	ug/l	99
30) Chloroform	7.67	83	194820	49.83	ug/l	97
31) Cyclohexane	7.95	56	154402	46.32	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	143747	48.92	ug/l	99
36) 1,1-Dichloropropene	8.08	75	146014	51.49	ug/l	99
37) Ethyl Acetate	7.26	43	82517	59.71	ug/l	99
38) Carbon Tetrachloride	8.07	117	143299	52.25	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	172511	52.13	ug/l	99
40) Benzene	8.32	78	427883	51.62	ug/l	99
41) Methacrylonitrile	7.49	41	45323	57.23	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	137294	53.11	ug/l	99
43) Isopropyl Acetate	8.43	43	154780	59.03	ug/l	98
44) Trichloroethene	9.09	130	116770	51.67	ug/l	97
45) 1,2-Dichloropropane	9.37	63	106691	51.37	ug/l	96
46) Dibromomethane	9.46	93	64420	55.49	ug/l	99
47) Bromodichloromethane	9.65	83	146179	53.35	ug/l	99
48) Methyl methacrylate	9.45	41	75405	59.23	ug/l	99
49) 1,4-Dioxane	9.45	88	23334	1265.22	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	445898	308.29	ug/l	99
52) Toluene	10.39	92	273506	51.95	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	147379	54.71	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	164778	53.50	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	88737	54.29	ug/l	95
56) Ethyl methacrylate	10.65	69	118623	58.70	ug/l	99
57) 1,3-Dichloropropane	10.94	76	152491	54.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	280451	285.94	ug/l	99
59) 2-Hexanone	10.98	43	312610	315.98	ug/l	99
60) Dibromochloromethane	11.13	129	107294	55.61	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89551	56.04	ug/l	99
64) Tetrachloroethene	10.87	164	118335	52.11	ug/l	99
65) Chlorobenzene	11.66	112	308998	51.24	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	112330	52.27	ug/l	99
67) Ethyl Benzene	11.74	91	537667	51.88	ug/l	100
68) m/p-Xylenes	11.85	106	416928	104.27	ug/l	100
69) o-Xylene	12.18	106	199233	52.39	ug/l	100
70) Styrene	12.19	104	333370	52.80	ug/l	99
71) Bromoform	12.36	173	71204	57.78	ug/l #	99
73) Isopropylbenzene	12.48	105	546045	51.67	ug/l	100
74) N-amyl acetate	12.28	43	151680	57.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	116896	57.22	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	86505m	59.95	ug/l	
77) Bromobenzene	12.76	156	138129	51.85	ug/l	100
78) n-propylbenzene	12.82	91	654732	52.26	ug/l	99
79) 2-Chlorotoluene	12.90	91	369990	51.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	462317	52.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32210	58.80	ug/l	97
82) 4-Chlorotoluene	13.00	91	394209	51.38	ug/l	99
83) tert-Butylbenzene	13.22	119	399632	52.21	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	483417	52.45	ug/l	100
85) sec-Butylbenzene	13.40	105	572863	52.42	ug/l	100
86) p-Isopropyltoluene	13.51	119	518700	53.08	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	274295	52.01	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	268805	51.06	ug/l	100
89) n-Butylbenzene	13.83	91	484751	53.02	ug/l	100
90) Hexachloroethane	14.10	117	91173	52.18	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	246343	51.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	21115	59.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	176381	51.57	ug/l	100
94) Hexachlorobutadiene	15.26	225	98840	51.87	ug/l	100
95) Naphthalene	15.38	128	359241	57.13	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	161179	52.55	ug/l	99

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

