

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002284.D
 Acq On : 08 May 2018 02:16
 Operator : JC/SY
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Quant Time: May 08 03:37:22 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	251927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	370377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	421147	192.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	385.68%	
35) Dibromofluoromethane	7.88	113	384193	157.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.44%	
50) Toluene-d8	10.33	98	1509031	166.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.02%	
62) 4-Bromofluorobenzene	12.63	95	555020	157.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	150752	77.69	ug/l	96
3) Chloromethane	2.21	50	279521	153.16	ug/l	100
4) Vinyl Chloride	2.36	62	502816	245.31	ug/l	100
5) Bromomethane	2.76	94	414340	253.98	ug/l	97
6) Chloroethane	2.91	64	355142	286.86	ug/l	99
7) Trichlorofluoromethane	3.24	101	215249	63.04	ug/l	94
8) Diethyl Ether	3.67	74	214383	219.34	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	336391	147.20	ug/l	100
10) Methyl Iodide	4.26	142	564894	221.04	ug/l	99
11) Tert butyl alcohol	5.18	59	147727	1087.23	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	344381	174.29	ug/l	99
13) Acrolein	3.89	56	123313	1125.14	ug/l	99
14) Allyl chloride	4.65	41	531496	215.94	ug/l	99
15) Acrylonitrile	5.37	53	448292	1212.86	ug/l	99
16) Acetone	4.12	43	385883	887.71	ug/l	96
17) Carbon Disulfide	4.37	76	1010878	163.03	ug/l	99
18) Methyl Acetate	4.67	43	244791	256.14	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	616770	153.80	ug/l	98
20) Methylene Chloride	4.90	84	351451	143.12	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	372473	168.96	ug/l	99
22) Diisopropyl ether	6.31	45	1183767	240.90	ug/l	99
23) Vinyl Acetate	6.25	43	3707422	1417.07	ug/l	100
24) 1,1-Dichloroethane	6.21	63	679492	189.52	ug/l	98
25) 2-Butanone	7.17	43	620406	1282.32	ug/l	99
26) 2,2-Dichloropropane	7.16	77	325703	97.21	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	421783	180.76	ug/l	99
28) Bromochloromethane	7.51	49	309218	245.59	ug/l #	97
29) Tetrahydrofuran	7.53	42	415013	1475.41	ug/l	98
30) Chloroform	7.67	83	707990	170.74	ug/l	99
31) Cyclohexane	7.95	56	567451	174.68	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	537263	134.99	ug/l	99
36) 1,1-Dichloropropene	8.08	75	534038	148.58	ug/l	99
37) Ethyl Acetate	7.25	43	273263	239.53	ug/l	100
38) Carbon Tetrachloride	8.07	117	530509	122.04	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	635562	155.34	ug/l	99
40) Benzene	8.32	78	1556206	156.86	ug/l	99
41) Methacrylonitrile	7.49	41	159448	252.12	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	487315	159.29	ug/l	99
43) Isopropyl Acetate	8.43	43	547022	241.64	ug/l	98
44) Trichloroethene	9.09	130	423399	135.16	ug/l	99
45) 1,2-Dichloropropane	9.37	63	391874	173.35	ug/l	96
46) Dibromomethane	9.46	93	224116	174.07	ug/l	98
47) Bromodichloromethane	9.65	83	539591	156.53	ug/l	98
48) Methyl methacrylate	9.44	41	268488	244.92	ug/l	98
49) 1,4-Dioxane	9.45	88	73269	3707.65	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	1493030	1311.31	ug/l	99
52) Toluene	10.39	92	1023876	156.46	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	555981	178.58	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	612140	171.48	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	311666	164.95	ug/l	100
56) Ethyl methacrylate	10.65	69	433034	221.52	ug/l	99
57) 1,3-Dichloropropane	10.94	76	531744	179.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1039868	1221.88	ug/l	100
59) 2-Hexanone	10.98	43	1047727	1283.59	ug/l	100
60) Dibromochloromethane	11.13	129	393979	154.99	ug/l	99
61) 1,2-Dibromoethane	11.24	107	311706	177.92	ug/l	98
64) Tetrachloroethene	10.87	164	431944	136.89	ug/l	98
65) Chlorobenzene	11.66	112	1142410	145.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	425323	142.62	ug/l	100
67) Ethyl Benzene	11.74	91	2041216	158.91	ug/l	100
68) m/p-Xylenes	11.85	106	1572694	304.19	ug/l	100
69) o-Xylene	12.18	106	764653	164.30	ug/l	99
70) Styrene	12.19	104	1309332	168.96	ug/l	99
71) Bromoform	12.36	173	260284	158.56	ug/l #	100
73) Isopropylbenzene	12.48	105	2090401	170.55	ug/l	99
74) N-amyl acetate	12.28	43	570077	287.05	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	385753	206.67	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	295135m	220.04	ug/l	
77) Bromobenzene	12.76	156	498788	155.56	ug/l	97
78) n-propylbenzene	12.82	91	2433435	169.83	ug/l	100
79) 2-Chlorotoluene	12.90	91	1387587	164.92	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1719495	160.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	117859	236.14	ug/l	99
82) 4-Chlorotoluene	13.00	91	1483746	156.31	ug/l	99
83) tert-Butylbenzene	13.22	119	1497226	159.42	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1793399	163.08	ug/l	100
85) sec-Butylbenzene	13.40	105	2098785	161.17	ug/l	99
86) p-Isopropyltoluene	13.51	119	1909235	159.43	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	985823	150.06	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	951926	145.22	ug/l	100
89) n-Butylbenzene	13.83	91	1738156	162.11	ug/l	99
90) Hexachloroethane	14.10	117	339340	146.02	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	883317	153.90	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	67964	194.37	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	611379	145.72	ug/l	99
94) Hexachlorobutadiene	15.26	225	328400	112.32	ug/l	99
95) Naphthalene	15.38	128	1224018	195.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	547723	152.73	ug/l	100

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

