

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002399.D
 Acq On : 11 May 2018 00:48
 Operator : JC/SY
 Sample : VW0510SBS03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS03

Quant Time: May 11 06:04:45 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	202047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	305742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	282029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	154870	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	105133	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.88	113	96481	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.33	98	366249	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.63	95	129965	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	12919	16.92	ug/l	97
3) Chloromethane	2.21	50	31643	20.41	ug/l	98
4) Vinyl Chloride	2.35	62	47999	18.77	ug/l	100
5) Bromomethane	2.76	94	42329	20.58	ug/l	97
6) Chloroethane	2.92	64	35356	20.49	ug/l	98
7) Trichlorofluoromethane	3.24	101	17468	16.72	ug/l	92
8) Diethyl Ether	3.67	74	29353	25.11	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.04	101	36515	19.80	ug/l	96
10) Methyl Iodide	4.26	142	58956	19.70	ug/l	99
11) Tert butyl alcohol	5.19	59	18591	119.21	ug/l	97
12) 1,1-Dichloroethene	4.03	96	35818	19.59	ug/l	97
13) Acrolein	3.88	56	11510	88.15	ug/l	99
14) Allyl chloride	4.65	41	47474	17.67	ug/l	98
15) Acrylonitrile	5.37	53	48453	105.66	ug/l	99
16) Acetone	4.12	43	47092	112.38	ug/l	95
17) Carbon Disulfide	4.37	76	99122	18.64	ug/l	97
18) Methyl Acetate	4.67	43	26325	20.94	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	64960	20.32	ug/l	98
20) Methylene Chloride	4.90	84	40895	20.24	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	39437	19.98	ug/l	97
22) Diisopropyl ether	6.31	45	113903	19.33	ug/l	98
23) Vinyl Acetate	6.26	43	347527	98.51	ug/l	97
24) 1,1-Dichloroethane	6.21	63	71443	20.00	ug/l	95
25) 2-Butanone	7.18	43	67620	108.68	ug/l	97
26) 2,2-Dichloropropane	7.16	77	32941	18.50	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	44105	19.82	ug/l	99
28) Bromochloromethane	7.51	49	33233	20.57	ug/l	100
29) Tetrahydrofuran	7.53	42	43470	106.53	ug/l	98
30) Chloroform	7.68	83	73211	19.58	ug/l	97
31) Cyclohexane	7.95	56	60700	19.04	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	53843	19.16	ug/l	98
36) 1,1-Dichloropropene	8.08	75	56859	20.56	ug/l	99
37) Ethyl Acetate	7.25	43	30127	22.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	52802	19.75	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	64606	20.02	ug/l	98
40) Benzene	8.32	78	163591	20.24	ug/l	99
41) Methacrylonitrile	7.49	41	15531	20.11	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	52908	20.99	ug/l	98
43) Isopropyl Acetate	8.43	43	55366	21.66	ug/l	100
44) Trichloroethene	9.09	130	45947	20.85	ug/l	99
45) 1,2-Dichloropropane	9.37	63	41189	20.34	ug/l	91
46) Dibromomethane	9.46	93	23526	20.78	ug/l	99
47) Bromodichloromethane	9.65	83	53895	20.17	ug/l	97
48) Methyl methacrylate	9.45	41	28408	22.88	ug/l	93
49) 1,4-Dioxane	9.46	88	8644	480.69	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	154433	109.51	ug/l	100
52) Toluene	10.40	92	104566	20.37	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	52113	19.84	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	58611	19.52	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	34221	21.47	ug/l	96
56) Ethyl methacrylate	10.65	69	40786	20.70	ug/l	98
57) 1,3-Dichloropropane	10.94	76	56144	20.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	103039	107.74	ug/l	99
59) 2-Hexanone	10.98	43	107027	110.95	ug/l	100
60) Dibromochloromethane	11.13	129	38572	20.50	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32855	21.09	ug/l	100
64) Tetrachloroethene	10.87	164	48960	22.56	ug/l	95
65) Chlorobenzene	11.66	112	119423	20.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	41458	20.18	ug/l	100
67) Ethyl Benzene	11.74	91	197059	19.89	ug/l	98
68) m/p-Xylenes	11.85	106	156215	40.87	ug/l	99
69) o-Xylene	12.18	106	73193	20.14	ug/l	98
70) Styrene	12.19	104	122928	20.37	ug/l	100
71) Bromoform	12.36	173	23796	20.20	ug/l #	97
73) Isopropylbenzene	12.48	105	200972	19.98	ug/l	99
74) N-amyl acetate	12.28	43	51555	20.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41840	21.52	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	31907m	23.23	ug/l	
77) Bromobenzene	12.76	156	51930	20.48	ug/l	100
78) n-propylbenzene	12.82	91	243077	20.38	ug/l	99
79) 2-Chlorotoluene	12.90	91	138132	20.11	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	170156	20.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10511	20.16	ug/l	94
82) 4-Chlorotoluene	13.00	91	147870	20.25	ug/l	100
83) tert-Butylbenzene	13.22	119	146947	20.17	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	176302	20.10	ug/l	99
85) sec-Butylbenzene	13.40	105	212220	20.40	ug/l	100
86) p-Isopropyltoluene	13.51	119	187126	20.12	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	102765	20.47	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	100344	20.02	ug/l	99
89) n-Butylbenzene	13.83	91	174907	20.10	ug/l	100
90) Hexachloroethane	14.11	117	33483	20.13	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	93389	20.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7149	21.27	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	67220	20.65	ug/l	100
94) Hexachlorobutadiene	15.25	225	37627	20.75	ug/l	97
95) Naphthalene	15.38	128	126637	21.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	61390	21.03	ug/l	98

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

