

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002373.D
 Acq On : 10 May 2018 12:12
 Operator : JC/SY
 Sample : VW0510SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBS02

Quant Time: May 10 14:37:19 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	240954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	319102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112133	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
35) Dibromofluoromethane	7.88	113	110292	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	10.33	98	441232	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.63	95	154180	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15883	17.44	ug/l	82
3) Chloromethane	2.21	50	34857	18.85	ug/l	95
4) Vinyl Chloride	2.36	62	56299	18.46	ug/l	96
5) Bromomethane	2.77	94	47489	19.36	ug/l	99
6) Chloroethane	2.92	64	38053	18.49	ug/l	99
7) Trichlorofluoromethane	3.25	101	27864	22.37	ug/l	92
8) Diethyl Ether	3.67	74	23107	16.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	45463	20.67	ug/l	98
10) Methyl Iodide	4.26	142	71323	19.98	ug/l	100
11) Tert butyl alcohol	5.18	59	13513	72.66	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	44970	20.62	ug/l	90
13) Acrolein	3.89	56	13637	87.58	ug/l	96
14) Allyl chloride	4.65	41	65037	20.29	ug/l	100
15) Acrylonitrile	5.36	53	44544	81.45	ug/l	98
16) Acetone	4.12	43	58259	116.58	ug/l	98
17) Carbon Disulfide	4.37	76	127219	20.06	ug/l	99
18) Methyl Acetate	4.67	43	22324	14.89	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	67187	17.62	ug/l	97
20) Methylene Chloride	4.90	84	44541	18.49	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	46503	19.75	ug/l	98
22) Diisopropyl ether	6.31	45	129808	18.48	ug/l	97
23) Vinyl Acetate	6.25	43	376563	89.51	ug/l	98
24) 1,1-Dichloroethane	6.21	63	82971	19.48	ug/l	97
25) 2-Butanone	7.17	43	64244	86.58	ug/l	99
26) 2,2-Dichloropropane	7.17	77	50616	23.84	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51042	19.23	ug/l	99
28) Bromochloromethane	7.50	49	34669	17.99	ug/l	99
29) Tetrahydrofuran	7.53	42	37567	77.19	ug/l	99
30) Chloroform	7.67	83	86073	19.30	ug/l	98
31) Cyclohexane	7.95	56	76307	20.07	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	69264	20.66	ug/l	97
36) 1,1-Dichloropropene	8.08	75	69344	21.62	ug/l	99
37) Ethyl Acetate	7.26	43	26235	16.78	ug/l	97
38) Carbon Tetrachloride	8.06	117	66021	21.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83447	22.29	ug/l	96
40) Benzene	8.32	78	191411	20.41	ug/l	98
41) Methacrylonitrile	7.49	41	15310	17.09	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	55494	18.98	ug/l	99
43) Isopropyl Acetate	8.43	43	50081	16.89	ug/l	97
44) Trichloroethene	9.09	130	53202	20.81	ug/l	96
45) 1,2-Dichloropropane	9.37	63	47004	20.01	ug/l	92
46) Dibromomethane	9.46	93	23754	18.09	ug/l	97
47) Bromodichloromethane	9.65	83	60932	19.66	ug/l	99
48) Methyl methacrylate	9.44	41	23343	16.21	ug/l	97
49) 1,4-Dioxane	9.45	88	7367	353.13	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	131241	80.22	ug/l	99
52) Toluene	10.39	92	123673	20.77	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	58270	19.12	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	69038	19.82	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	33531	18.13	ug/l	95
56) Ethyl methacrylate	10.65	69	39628	17.34	ug/l	99
57) 1,3-Dichloropropane	10.94	76	58327	18.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	101827	91.78	ug/l	100
59) 2-Hexanone	10.98	43	97586	87.20	ug/l	99
60) Dibromochloromethane	11.13	129	40433	18.53	ug/l	98
61) 1,2-Dibromoethane	11.24	107	32777	18.13	ug/l	99
64) Tetrachloroethene	10.87	164	47616	19.39	ug/l	95
65) Chlorobenzene	11.66	112	136987	21.01	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	47485	20.43	ug/l	98
67) Ethyl Benzene	11.74	91	239002	21.33	ug/l	99
68) m/p-Xylenes	11.85	106	187821	43.43	ug/l	99
69) o-Xylene	12.18	106	88354	21.49	ug/l	97
70) Styrene	12.19	104	138567	20.29	ug/l	100
71) Bromoform	12.35	173	23841	17.89	ug/l #	100
73) Isopropylbenzene	12.48	105	243735	22.02	ug/l	100
74) N-amyl acetate	12.28	43	48688	17.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	38588	18.04	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	23236m	15.38	ug/l	
77) Bromobenzene	12.76	156	58592	21.00	ug/l	96
78) n-propylbenzene	12.82	91	294669	22.46	ug/l	99
79) 2-Chlorotoluene	12.90	91	161494	21.38	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	204765	22.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11055	19.27	ug/l	98
82) 4-Chlorotoluene	13.00	91	173979	21.65	ug/l	100
83) tert-Butylbenzene	13.22	119	178446	22.26	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	211783	21.94	ug/l	99
85) sec-Butylbenzene	13.40	105	256932	22.45	ug/l	99
86) p-Isopropyltoluene	13.51	119	231841	22.66	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	118916	21.53	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	115664	20.98	ug/l	98
89) n-Butylbenzene	13.84	91	219234	22.90	ug/l	99
90) Hexachloroethane	14.11	117	38642	21.12	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	103204	20.60	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	6468	17.49	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	76653	21.40	ug/l	100
94) Hexachlorobutadiene	15.26	225	45685	22.90	ug/l	98
95) Naphthalene	15.38	128	124530	18.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	66336	20.65	ug/l	99

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

