

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002374.D
 Acq On : 10 May 2018 12:37
 Operator : JC/SY
 Sample : VW0510SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD02

Quant Time: May 10 14:39:18 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	252848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	376604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	340711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122541	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	7.88	113	116127	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.33	98	446528	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.63	95	161990	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15699	16.43	ug/l	94
3) Chloromethane	2.21	50	36504	18.81	ug/l	95
4) Vinyl Chloride	2.36	62	57652	18.01	ug/l	97
5) Bromomethane	2.77	94	48278	18.76	ug/l	96
6) Chloroethane	2.92	64	39928	18.49	ug/l	94
7) Trichlorofluoromethane	3.25	101	28045	21.46	ug/l	95
8) Diethyl Ether	3.67	74	27096	18.52	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	45238	19.60	ug/l	99
10) Methyl Iodide	4.26	142	72212	19.28	ug/l	99
11) Tert butyl alcohol	5.18	59	20240	103.71	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	43703	19.10	ug/l	96
13) Acrolein	3.89	56	16545	101.25	ug/l	98
14) Allyl chloride	4.66	41	66784	19.86	ug/l	98
15) Acrylonitrile	5.37	53	57939	100.96	ug/l	98
16) Acetone	4.12	43	70149	133.77	ug/l	97
17) Carbon Disulfide	4.37	76	125217	18.82	ug/l	99
18) Methyl Acetate	4.67	43	28476	18.10	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	79355	19.83	ug/l	99
20) Methylene Chloride	4.90	84	46462	18.38	ug/l	99
21) trans-1,2-Dichloroethene	5.40	96	47854	19.37	ug/l	92
22) Diisopropyl ether	6.31	45	140994	19.12	ug/l	98
23) Vinyl Acetate	6.25	43	444039	100.58	ug/l	99
24) 1,1-Dichloroethane	6.21	63	83356	18.65	ug/l	98
25) 2-Butanone	7.17	43	84388	108.38	ug/l	98
26) 2,2-Dichloropropane	7.17	77	51155	22.96	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	53547	19.23	ug/l	99
28) Bromochloromethane	7.51	49	39092	19.33	ug/l #	97
29) Tetrahydrofuran	7.53	42	49824	97.56	ug/l	99
30) Chloroform	7.68	83	88348	18.88	ug/l	95
31) Cyclohexane	7.95	56	78215	19.60	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	69725	19.82	ug/l	100
36) 1,1-Dichloropropene	8.08	75	70290	20.64	ug/l	100
37) Ethyl Acetate	7.26	43	35492	21.38	ug/l	99
38) Carbon Tetrachloride	8.07	117	66637	20.23	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82058	20.64	ug/l	96
40) Benzene	8.32	78	196210	19.71	ug/l	99
41) Methacrylonitrile	7.49	41	20682	21.74	ug/l	96
42) 1,2-Dichloroethane	8.40	62	60977	19.64	ug/l	100
43) Isopropyl Acetate	8.43	43	65565	20.82	ug/l	99
44) Trichloroethene	9.09	130	54064	19.92	ug/l	98
45) 1,2-Dichloropropane	9.37	63	48870	19.59	ug/l	98
46) Dibromomethane	9.46	93	28054	20.12	ug/l	99
47) Bromodichloromethane	9.65	83	62273	18.92	ug/l	99
48) Methyl methacrylate	9.44	41	30223	19.77	ug/l	98
49) 1,4-Dioxane	9.45	88	8865	400.22	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	174122	100.24	ug/l	100
52) Toluene	10.39	92	125576	19.86	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	64523	19.94	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	72767	19.67	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	38448	19.58	ug/l	98
56) Ethyl methacrylate	10.65	69	48377	19.93	ug/l	98
57) 1,3-Dichloropropane	10.94	76	67399	20.19	ug/l	98
59) 2-Hexanone	10.98	43	131112	110.34	ug/l	99
60) Dibromochloromethane	11.13	129	45021	19.43	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39004	20.32	ug/l	99
64) Tetrachloroethene	10.87	164	47501	18.11	ug/l	98
65) Chlorobenzene	11.66	112	142126	20.41	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	49000	19.75	ug/l	100
67) Ethyl Benzene	11.74	91	245444	20.51	ug/l	100
68) m/p-Xylenes	11.85	106	191938	41.57	ug/l	98
69) o-Xylene	12.18	106	88431	20.14	ug/l	100
70) Styrene	12.19	104	147293	20.20	ug/l	99
71) Bromoform	12.35	173	28713	20.18	ug/l #	99
73) Isopropylbenzene	12.48	105	245103	20.45	ug/l	99
74) N-amyl acetate	12.28	43	61641	20.55	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	48126	20.78	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36378m	22.23	ug/l	
77) Bromobenzene	12.76	156	60472	20.02	ug/l	98
78) n-propylbenzene	12.82	91	299594	21.09	ug/l	100
79) 2-Chlorotoluene	12.90	91	165384	20.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	208934	20.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13437	21.63	ug/l	93
82) 4-Chlorotoluene	13.00	91	179634	20.65	ug/l	100
83) tert-Butylbenzene	13.22	119	182417	21.02	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	216203	20.69	ug/l	99
85) sec-Butylbenzene	13.40	105	260100	20.99	ug/l	100
86) p-Isopropyltoluene	13.51	119	232211	20.96	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	122723	20.52	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	122728	20.56	ug/l	98
89) n-Butylbenzene	13.83	91	221526	21.37	ug/l	99
90) Hexachloroethane	14.10	117	39782	20.08	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	111945	20.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	8655	21.61	ug/l	99
93) 1,2,4-Trichlorobenzene	15.15	180	83787	21.60	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.26	225	46378	21.47	ug/l	99
95) Naphthalene	15.38	128	151333	21.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73872	21.24	ug/l	99

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

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