

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002312.D
 Acq On : 09 May 2018 00:24
 Operator : JC/SY
 Sample : VW0508SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBSD02

Quant Time: May 09 08:42:03 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	229991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	353586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	328824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119831	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.88	113	109983	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	10.33	98	426527	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.63	95	155878	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16466	18.94	ug/l	97
3) Chloromethane	2.21	50	35337	20.02	ug/l	99
4) Vinyl Chloride	2.36	62	57656	19.80	ug/l	99
5) Bromomethane	2.76	94	47667	20.36	ug/l	96
6) Chloroethane	2.92	64	40673	20.71	ug/l	98
7) Trichlorofluoromethane	3.24	101	22167	18.64	ug/l	96
8) Diethyl Ether	3.67	74	33638	25.28	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.04	101	42795	20.38	ug/l	100
10) Methyl Iodide	4.26	142	68294	20.04	ug/l	100
11) Tert butyl alcohol	5.19	59	17113	96.40	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	41321	19.85	ug/l	94
13) Acrolein	3.89	56	14485	97.46	ug/l	98
14) Allyl chloride	4.65	41	58872	19.25	ug/l	98
15) Acrylonitrile	5.37	53	53033	101.59	ug/l	99
16) Acetone	4.12	43	48704	102.11	ug/l	98
17) Carbon Disulfide	4.37	76	119856	19.80	ug/l	99
18) Methyl Acetate	4.67	43	29147	20.37	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	74274	20.41	ug/l	98
20) Methylene Chloride	4.90	84	46079	20.04	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46014	20.48	ug/l	97
22) Diisopropyl ether	6.31	45	133059	19.84	ug/l	96
23) Vinyl Acetate	6.25	43	406212	101.16	ug/l	99
24) 1,1-Dichloroethane	6.21	63	82756	20.35	ug/l	97
25) 2-Butanone	7.18	43	73418	103.66	ug/l	97
26) 2,2-Dichloropropane	7.16	77	39567	19.52	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51138	20.19	ug/l	98
28) Bromochloromethane	7.51	49	36498	19.85	ug/l	97
29) Tetrahydrofuran	7.53	42	47098	101.39	ug/l	99
30) Chloroform	7.67	83	87406	20.53	ug/l	94
31) Cyclohexane	7.95	56	72330	19.93	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	64160	20.05	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66381	20.76	ug/l	100
37) Ethyl Acetate	7.26	43	32538	20.88	ug/l	100
38) Carbon Tetrachloride	8.07	117	62679	20.27	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77181	20.68	ug/l	98
40) Benzene	8.32	78	190760	20.41	ug/l	98
41) Methacrylonitrile	7.48	41	19960	22.35	ug/l	96
42) 1,2-Dichloroethane	8.40	62	58976	20.23	ug/l	99
43) Isopropyl Acetate	8.43	43	61225	20.71	ug/l	99
44) Trichloroethene	9.09	130	51923	20.38	ug/l	94
45) 1,2-Dichloropropane	9.37	63	47454	20.26	ug/l	94
46) Dibromomethane	9.46	93	27411	20.94	ug/l	98
47) Bromodichloromethane	9.65	83	62144	20.11	ug/l	98
48) Methyl methacrylate	9.45	41	29193	20.33	ug/l	99
49) 1,4-Dioxane	9.45	88	8734	419.98	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	166878	102.32	ug/l	100
52) Toluene	10.39	92	121252	20.42	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	60860	20.04	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	69456	20.00	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	37903	20.56	ug/l	98
56) Ethyl methacrylate	10.65	69	46757	20.52	ug/l	98
57) 1,3-Dichloropropane	10.94	76	64334	20.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	111358	100.69	ug/l	99
59) 2-Hexanone	10.98	43	114910	103.00	ug/l	99
60) Dibromochloromethane	11.13	129	42952	19.74	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37413	20.76	ug/l	99
64) Tetrachloroethene	10.87	164	52550	20.76	ug/l	98
65) Chlorobenzene	11.66	112	138982	20.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	47843	19.98	ug/l	99
67) Ethyl Benzene	11.74	91	231827	20.07	ug/l	96
68) m/p-Xylenes	11.85	106	182644	40.99	ug/l	98
69) o-Xylene	12.18	106	85952	20.28	ug/l	99
70) Styrene	12.19	104	142721	20.28	ug/l	99
71) Bromoform	12.36	173	27445	19.99	ug/l	# 98
73) Isopropylbenzene	12.48	105	235356	20.50	ug/l	100
74) N-amyl acetate	12.28	43	58270	20.28	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	45864	20.67	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	34097m	21.76	ug/l	
77) Bromobenzene	12.76	156	60655	20.96	ug/l	98
78) n-propylbenzene	12.82	91	283172	20.81	ug/l	99
79) 2-Chlorotoluene	12.90	91	159960	20.41	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	199969	20.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12300	20.67	ug/l	96
82) 4-Chlorotoluene	13.00	91	173504	20.82	ug/l	100
83) tert-Butylbenzene	13.22	119	170879	20.55	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	206751	20.65	ug/l	98
85) sec-Butylbenzene	13.40	105	244831	20.63	ug/l	99
86) p-Isopropyltoluene	13.51	119	221891	20.91	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	119308	20.83	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	119867	20.96	ug/l	100
89) n-Butylbenzene	13.83	91	208991	21.04	ug/l	99
90) Hexachloroethane	14.10	117	39235	20.67	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	110937	21.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7970	20.78	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	79580	21.42	ug/l	98
94) Hexachlorobutadiene	15.25	225	42811	20.69	ug/l	100
95) Naphthalene	15.38	128	146266	21.42	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71865	21.57	ug/l	100

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

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