

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002400.D
 Acq On : 11 May 2018 01:14
 Operator : JC/SY
 Sample : VW0510SBSD03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD03

Quant Time: May 11 06:32:55 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	210572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	300458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111039	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	7.88	113	102156	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	10.33	98	386917	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.63	95	138906	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	15102	18.98	ug/l	99
3) Chloromethane	2.21	50	33802	20.92	ug/l	99
4) Vinyl Chloride	2.35	62	53588	20.11	ug/l	99
5) Bromomethane	2.76	94	45124	21.05	ug/l	97
6) Chloroethane	2.91	64	38185	21.23	ug/l	96
7) Trichlorofluoromethane	3.24	101	19627	18.03	ug/l	99
8) Diethyl Ether	3.67	74	33474	27.47	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	38301	19.93	ug/l	97
10) Methyl Iodide	4.26	142	61999	19.88	ug/l	99
11) Tert butyl alcohol	5.19	59	18563	114.21	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	38615	20.26	ug/l	94
13) Acrolein	3.88	56	11911	87.53	ug/l	96
14) Allyl chloride	4.65	41	52870	18.88	ug/l	97
15) Acrylonitrile	5.37	53	51886	108.56	ug/l	98
16) Acetone	4.12	43	48418	110.87	ug/l	94
17) Carbon Disulfide	4.36	76	106171	19.16	ug/l	99
18) Methyl Acetate	4.67	43	27672	21.12	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	68437	20.54	ug/l	95
20) Methylene Chloride	4.91	84	42848	20.35	ug/l	93
21) trans-1,2-Dichloroethene	5.40	96	42648	20.73	ug/l	95
22) Diisopropyl ether	6.31	45	124361	20.26	ug/l	99
23) Vinyl Acetate	6.25	43	372529	101.32	ug/l	99
24) 1,1-Dichloroethane	6.20	63	77261	20.75	ug/l	99
25) 2-Butanone	7.17	43	71285	109.93	ug/l	99
26) 2,2-Dichloropropane	7.17	77	35655	19.22	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	47268	20.38	ug/l	99
28) Bromochloromethane	7.51	49	34470	20.47	ug/l	99
29) Tetrahydrofuran	7.53	42	45066	105.97	ug/l	99
30) Chloroform	7.67	83	80920	20.76	ug/l	100
31) Cyclohexane	7.95	56	65027	19.57	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	60278	20.58	ug/l	98
36) 1,1-Dichloropropene	8.08	75	61005	21.08	ug/l	100
37) Ethyl Acetate	7.25	43	32491	23.03	ug/l	100
38) Carbon Tetrachloride	8.06	117	57512	20.55	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68459	20.27	ug/l	99
40) Benzene	8.32	78	177236	20.95	ug/l	98
41) Methacrylonitrile	7.48	41	18841	23.31	ug/l	95
42) 1,2-Dichloroethane	8.40	62	55847	21.16	ug/l	99
43) Isopropyl Acetate	8.43	43	58700	21.93	ug/l	100
44) Trichloroethene	9.09	130	49648	21.52	ug/l	97
45) 1,2-Dichloropropane	9.37	63	44253	20.87	ug/l	96
46) Dibromomethane	9.46	93	26065	22.00	ug/l	97
47) Bromodichloromethane	9.65	83	58889	21.06	ug/l	100
48) Methyl methacrylate	9.44	41	27187	20.92	ug/l	96
49) 1,4-Dioxane	9.45	88	8792	467.05	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	160592	108.78	ug/l	100
52) Toluene	10.39	92	114191	21.25	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	56280	20.47	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	64488	20.51	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	35605	21.34	ug/l	97
56) Ethyl methacrylate	10.65	69	43240	20.96	ug/l	99
57) 1,3-Dichloropropane	10.94	76	59826	21.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	106583	106.46	ug/l	97
59) 2-Hexanone	10.98	43	110849	109.77	ug/l	99
60) Dibromochloromethane	11.13	129	40755	20.70	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34130	20.93	ug/l	97
64) Tetrachloroethene	10.87	164	54427	23.54	ug/l	90
65) Chlorobenzene	11.66	112	126549	20.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	45266	20.69	ug/l	98
67) Ethyl Benzene	11.74	91	215368	20.41	ug/l	98
68) m/p-Xylenes	11.85	106	169211	41.56	ug/l	100
69) o-Xylene	12.18	106	78793	20.35	ug/l	97
70) Styrene	12.19	104	132368	20.59	ug/l	99
71) Bromoform	12.36	173	26305	20.96	ug/l	# 98
73) Isopropylbenzene	12.48	105	215596	20.69	ug/l	99
74) N-amyl acetate	12.28	43	54757	20.99	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	44750	22.21	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	32524m	22.86	ug/l	
77) Bromobenzene	12.76	156	55909	21.28	ug/l	99
78) n-propylbenzene	12.82	91	260473	21.08	ug/l	99
79) 2-Chlorotoluene	12.90	91	149729	21.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	183740	20.96	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10927	20.23	ug/l	92
82) 4-Chlorotoluene	13.00	91	158575	20.96	ug/l	99
83) tert-Butylbenzene	13.22	119	159870	21.18	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	189669	20.87	ug/l	100
85) sec-Butylbenzene	13.40	105	227290	21.09	ug/l	99
86) p-Isopropyltoluene	13.51	119	202924	21.06	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	110474	21.24	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	109717	21.13	ug/l	99
89) n-Butylbenzene	13.84	91	190238	21.10	ug/l	98
90) Hexachloroethane	14.11	117	35075	20.36	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	100279	21.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7951	22.83	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	71723	21.26	ug/l	97
94) Hexachlorobutadiene	15.26	225	40333	21.46	ug/l	99
95) Naphthalene	15.38	128	137011	22.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	64689	21.39	ug/l	99

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

