

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002279.D
 Acq On : 08 May 2018 00:11
 Operator : JC/SY
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: May 08 03:27:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:17:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	325720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	23621	12.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	24.20%	
35) Dibromofluoromethane	7.88	113	22092	10.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.08%	
50) Toluene-d8	10.33	98	81863	9.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.94%	
62) 4-Bromofluorobenzene	12.63	95	29330	9.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	8605m	4.96	ug/l	
3) Chloromethane	2.21	50	17642	10.81	ug/l	99
4) Vinyl Chloride	2.36	62	28653	15.64	ug/l	99
5) Bromomethane	2.77	94	23216	15.92	ug/l	100
6) Chloroethane	2.92	64	18418	16.64	ug/l	94
7) Trichlorofluoromethane	3.25	101	10967	3.59	ug/l	90
8) Diethyl Ether	3.67	74	14739	16.87	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	21485	10.52	ug/l	99
10) Methyl Iodide	4.26	142	34025	14.89	ug/l	99
11) Tert butyl alcohol	5.18	59	9832	80.95	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	20854	11.81	ug/l	100
13) Acrolein	3.89	56	7710	78.70	ug/l	91
14) Allyl chloride	4.66	41	29861	13.57	ug/l	98
15) Acrylonitrile	5.37	53	25813	78.13	ug/l	98
16) Acetone	4.12	43	23940	61.61	ug/l	98
17) Carbon Disulfide	4.37	76	59188	10.68	ug/l	95
18) Methyl Acetate	4.67	43	13566	15.88	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	35591	9.93	ug/l	98
20) Methylene Chloride	4.91	84	24397	11.12	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	22493	11.41	ug/l	92
22) Diisopropyl ether	6.31	45	65027	14.80	ug/l	98
23) Vinyl Acetate	6.26	43	189873	81.19	ug/l	100
24) 1,1-Dichloroethane	6.21	63	40270	12.57	ug/l	97
25) 2-Butanone	7.18	43	34472	79.71	ug/l	99
26) 2,2-Dichloropropane	7.16	77	20295	6.78	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	24742	11.86	ug/l	97
28) Bromochloromethane	7.51	49	18495	16.43	ug/l #	99
29) Tetrahydrofuran	7.53	42	22804	90.70	ug/l	97
30) Chloroform	7.67	83	42764	11.54	ug/l	94
31) Cyclohexane	7.95	56	37922	13.06	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	31332	8.81	ug/l	97
36) 1,1-Dichloropropene	8.08	75	31695	9.76	ug/l	97
37) Ethyl Acetate	7.26	43	14872	14.43	ug/l #	97
38) Carbon Tetrachloride	8.07	117	29922	7.62	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	36417	9.86	ug/l	93
40) Benzene	8.32	78	93462	10.43	ug/l	98
41) Methacrylonitrile	7.49	41	8327	14.58	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	29388	10.64	ug/l	97
43) Isopropyl Acetate	8.43	43	28196	13.79	ug/l	97
44) Trichloroethene	9.09	130	25670	9.07	ug/l	94
45) 1,2-Dichloropropane	9.37	63	23572	11.55	ug/l	95
46) Dibromomethane	9.46	93	13058	11.23	ug/l	99
47) Bromodichloromethane	9.65	83	29555	9.49	ug/l	97
48) Methyl methacrylate	9.44	41	13374	13.51	ug/l	99
49) 1,4-Dioxane	9.45	88	4139	231.91	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	78664	76.50	ug/l	99
52) Toluene	10.39	92	58196	9.85	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	28561	10.16	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	33312	10.33	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	18496	10.84	ug/l	96
56) Ethyl methacrylate	10.65	69	21063	11.93	ug/l	97
57) 1,3-Dichloropropane	10.94	76	31851	11.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	51804	67.40	ug/l	99
59) 2-Hexanone	10.98	43	54327	73.69	ug/l	95
60) Dibromochloromethane	11.13	129	20500	8.93	ug/l	100
61) 1,2-Dibromoethane	11.24	107	18438	11.65	ug/l	94
64) Tetrachloroethene	10.87	164	25503	9.19	ug/l	96
65) Chlorobenzene	11.66	112	67006	9.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	23673	9.03	ug/l	98
67) Ethyl Benzene	11.74	91	112070	9.92	ug/l	98
68) m/p-Xylenes	11.85	106	86160	18.95	ug/l	100
69) o-Xylene	12.18	106	41014	10.02	ug/l	97
70) Styrene	12.19	104	67299	9.88	ug/l	99
71) Bromoform	12.36	173	13102	9.08	ug/l #	97
73) Isopropylbenzene	12.48	105	110355	10.15	ug/l	100
74) N-amyl acetate	12.28	43	25836	14.66	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	22530	13.60	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	16524m	13.88	ug/l	
77) Bromobenzene	12.76	156	28196	9.91	ug/l	97
78) n-propylbenzene	12.82	91	131225	10.32	ug/l	100
79) 2-Chlorotoluene	12.90	91	76628	10.26	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	93320	9.83	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5346	12.07	ug/l	91
82) 4-Chlorotoluene	13.00	91	81768	9.71	ug/l	99
83) tert-Butylbenzene	13.22	119	79056	9.49	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	95696	9.81	ug/l	99
85) sec-Butylbenzene	13.40	105	114391	9.90	ug/l	100
86) p-Isopropyltoluene	13.51	119	99503	9.36	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	56554	9.70	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	57751	9.93	ug/l	97
89) n-Butylbenzene	13.83	91	93415	9.82	ug/l	98
90) Hexachloroethane	14.10	117	18431	8.94	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	52853	10.38	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3773	12.16	ug/l	93

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93) 1,2,4-Trichlorobenzene	15.15	180	37589	10.10	ug/l	99
94) Hexachlorobutadiene	15.26	225	21681	8.36	ug/l	98
95) Naphthalene	15.38	128	66832	12.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	34923	10.98	ug/l	98

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

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