

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002278.D
 Acq On : 07 May 2018 23:46
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: May 08 03:25:48 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	233385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	331931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177149	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	12200	6.03	ug/l	0.00
Spiked Amount			Recovery	=	12.06%	
35) Dibromofluoromethane	7.88	113	11203	4.96	ug/l	0.00
Spiked Amount			Recovery	=	9.92%	
50) Toluene-d8	10.33	98	42377	5.03	ug/l	0.00
Spiked Amount			Recovery	=	10.06%	
62) 4-Bromofluorobenzene	12.63	95	15327	4.69	ug/l	0.00
Spiked Amount			Recovery	=	9.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	4648	2.59	ug/l	86
3) Chloromethane	2.21	50	10151	6.00	ug/l	100
4) Vinyl Chloride	2.36	62	14776	7.78	ug/l	99
5) Bromomethane	2.78	94	11207	7.42	ug/l	94
6) Chloroethane	2.92	64	9598	8.37	ug/l	97
7) Trichlorofluoromethane	3.25	101	5767	1.82	ug/l	85
8) Diethyl Ether	3.67	74	7235	7.99	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.04	101	11022	5.21	ug/l	95
10) Methyl Iodide	4.26	142	16883	7.13	ug/l	100
11) Tert butyl alcohol	5.19	59	4515	35.87	ug/l #	96
12) 1,1-Dichloroethene	4.03	96	10901	5.96	ug/l	91
13) Acrolein	3.89	56	3868	38.10	ug/l	91
14) Allyl chloride	4.65	41	15198	6.67	ug/l	99
15) Acrylonitrile	5.37	53	13120	38.32	ug/l	95
16) Acetone	4.12	43	13729	34.09	ug/l	100
17) Carbon Disulfide	4.37	76	31316	5.45	ug/l #	94
18) Methyl Acetate	4.67	43	7922	8.95	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	17965	4.84	ug/l	93
20) Methylene Chloride	4.90	84	12865	5.66	ug/l	95
21) trans-1,2-Dichloroethene	5.40	96	11251	5.51	ug/l	89
22) Diisopropyl ether	6.31	45	31396	6.90	ug/l	94
23) Vinyl Acetate	6.26	43	87094	35.93	ug/l	100
24) 1,1-Dichloroethane	6.21	63	20422	6.15	ug/l	96
25) 2-Butanone	7.18	43	17341	38.69	ug/l	95
26) 2,2-Dichloropropane	7.17	77	11003	3.54	ug/l	94
27) cis-1,2-Dichloroethene	7.16	96	12811	5.93	ug/l	98
28) Bromochloromethane	7.51	49	9472	8.12	ug/l	94
29) Tetrahydrofuran	7.54	42	11501	44.14	ug/l	94
30) Chloroform	7.67	83	21044	5.48	ug/l	91
31) Cyclohexane	7.95	56	20783	6.91	ug/l #	74
32) 1,1,1-Trichloroethane	7.87	97	16073	4.36	ug/l	93
36) 1,1-Dichloropropene	8.08	75	15745	4.73	ug/l	97
37) Ethyl Acetate	7.26	43	7903	7.47	ug/l #	92
38) Carbon Tetrachloride	8.06	117	15114	3.75	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	18221	4.81	ug/l	96
40) Benzene	8.32	78	46364	5.04	ug/l	98
41) Methacrylonitrile	7.49	41	3531	6.02	ug/l #	69
42) 1,2-Dichloroethane	8.40	62	14601	5.15	ug/l	98
43) Isopropyl Acetate	8.43	43	13356	6.37	ug/l	99
44) Trichloroethene	9.09	130	13204	4.55	ug/l	99
45) 1,2-Dichloropropane	9.37	63	11715	5.59	ug/l	97
46) Dibromomethane	9.46	93	6372	5.34	ug/l	97
47) Bromodichloromethane	9.65	83	14775	4.62	ug/l	95
48) Methyl methacrylate	9.44	41	6588	6.48	ug/l	96
49) 1,4-Dioxane	9.46	88	1966	107.34	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	37554	35.59	ug/l	100
52) Toluene	10.40	92	28316	4.67	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	13573	4.70	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	16292	4.92	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	9116	5.21	ug/l	96
56) Ethyl methacrylate	10.65	69	9680	5.34	ug/l	94
57) 1,3-Dichloropropane	10.94	76	14985	5.46	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	23638	29.97	ug/l	98
59) 2-Hexanone	10.98	43	24177	31.96	ug/l	100
60) Dibromochloromethane	11.13	129	9998	4.24	ug/l	98
61) 1,2-Dibromoethane	11.24	107	8544	5.26	ug/l	99
64) Tetrachloroethene	10.87	164	12337	4.36	ug/l	95
65) Chlorobenzene	11.66	112	33614	4.77	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	11316	4.23	ug/l	97
67) Ethyl Benzene	11.74	91	54830	4.76	ug/l	99
68) m/p-Xylenes	11.85	106	42414	9.15	ug/l	96
69) o-Xylene	12.17	106	19398	4.65	ug/l	99
70) Styrene	12.19	104	30682	4.42	ug/l	98
71) Bromoform	12.36	173	6058	4.12	ug/l #	98
73) Isopropylbenzene	12.48	105	53527	4.88	ug/l	100
74) N-amyl acetate	12.29	43	12370	6.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	10802	6.47	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	7833m	6.53	ug/l	
77) Bromobenzene	12.76	156	14567	5.08	ug/l	93
78) n-propylbenzene	12.82	91	62576	4.89	ug/l	99
79) 2-Chlorotoluene	12.90	91	36761	4.89	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	44010	4.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2539	5.69	ug/l	91
82) 4-Chlorotoluene	13.00	91	39074	4.60	ug/l	100
83) tert-Butylbenzene	13.22	119	37797	4.50	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	45628	4.64	ug/l	97
85) sec-Butylbenzene	13.40	105	55700	4.78	ug/l	99
86) p-Isopropyltoluene	13.51	119	49112	4.59	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	28461	4.85	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	28539	4.87	ug/l	92
89) n-Butylbenzene	13.83	91	47091	4.91	ug/l	98
90) Hexachloroethane	14.11	117	8637	4.16	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	25880	5.04	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1843	5.90	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	18690	4.98	ug/l	98
94) Hexachlorobutadiene	15.26	225	10658	4.08	ug/l	99
95) Naphthalene	15.38	128	30287	5.42	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	16534	5.16	ug/l	99

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

