

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002285.D
 Acq On : 08 May 2018 02:41
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW050818

Quant Time: May 08 04:07:05 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	246089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	354788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134132	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.88	113	126249	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.33	98	482084	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.63	95	176908	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46606	50.11	ug/l	94
3) Chloromethane	2.21	50	105573	55.90	ug/l	99
4) Vinyl Chloride	2.36	62	173381	55.66	ug/l	97
5) Bromomethane	2.78	94	128445	51.27	ug/l	98
6) Chloroethane	2.92	64	113140	53.83	ug/l	95
7) Trichlorofluoromethane	3.25	101	73951	58.13	ug/l	92
8) Diethyl Ether	3.67	74	68143	47.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	110966	49.40	ug/l	99
10) Methyl Iodide	4.26	142	186056	51.04	ug/l	99
11) Tert butyl alcohol	5.18	59	47312	249.08	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	110543	49.63	ug/l	97
13) Acrolein	3.89	56	38519	242.21	ug/l	99
14) Allyl chloride	4.66	41	173112	52.89	ug/l	99
15) Acrylonitrile	5.36	53	140158	250.93	ug/l	98
16) Acetone	4.12	43	130322	255.35	ug/l	92
17) Carbon Disulfide	4.37	76	328162	50.67	ug/l	97
18) Methyl Acetate	4.67	43	77137	50.38	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	202025	51.88	ug/l	100
20) Methylene Chloride	4.90	84	117761	47.86	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	121350	50.47	ug/l	98
22) Diisopropyl ether	6.31	45	374828	52.24	ug/l	99
23) Vinyl Acetate	6.25	43	1123328	261.43	ug/l	100
24) 1,1-Dichloroethane	6.21	63	221752	50.97	ug/l	98
25) 2-Butanone	7.17	43	187812	247.83	ug/l	100
26) 2,2-Dichloropropane	7.17	77	107821	49.72	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	136394	50.33	ug/l	98
28) Bromochloromethane	7.51	49	96733	49.16	ug/l	96
29) Tetrahydrofuran	7.53	42	122225	245.91	ug/l	100
30) Chloroform	7.67	83	229419	50.36	ug/l	100
31) Cyclohexane	7.95	56	188426	48.52	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	176823	51.65	ug/l	98
36) 1,1-Dichloropropene	8.08	75	173494	50.39	ug/l	100
37) Ethyl Acetate	7.26	43	84072	50.11	ug/l	99
38) Carbon Tetrachloride	8.07	117	167140	50.20	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	204000	50.77	ug/l	98
40) Benzene	8.32	78	505473	50.22	ug/l	100
41) Methacrylonitrile	7.48	41	47184	49.07	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	159000	50.66	ug/l	98
43) Isopropyl Acetate	8.43	43	164448	51.66	ug/l	99
44) Trichloroethene	9.09	130	137675	50.18	ug/l	100
45) 1,2-Dichloropropane	9.37	63	127709	50.65	ug/l	96
46) Dibromomethane	9.46	93	71769	50.92	ug/l	98
47) Bromodichloromethane	9.65	83	172392	51.83	ug/l	99
48) Methyl methacrylate	9.44	41	79134	51.20	ug/l	98
49) 1,4-Dioxane	9.45	88	24292	1084.90	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	437413	249.10	ug/l	99
52) Toluene	10.40	92	324430	50.76	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	169438	51.81	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	192091	51.37	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	98514	49.64	ug/l	98
56) Ethyl methacrylate	10.65	69	128627	52.43	ug/l	99
57) 1,3-Dichloropropane	10.94	76	169709	50.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	307816	258.50	ug/l	100
59) 2-Hexanone	10.98	43	308225	256.61	ug/l	99
60) Dibromochloromethane	11.13	129	121554	51.89	ug/l	98
61) 1,2-Dibromoethane	11.24	107	99367	51.22	ug/l	97
64) Tetrachloroethene	10.87	164	139238	50.99	ug/l	97
65) Chlorobenzene	11.66	112	364799	50.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	132979	51.47	ug/l	99
67) Ethyl Benzene	11.74	91	635017	50.96	ug/l	100
68) m/p-Xylenes	11.85	106	494418	102.84	ug/l	100
69) o-Xylene	12.18	106	236198	51.66	ug/l	100
70) Styrene	12.19	104	392590	51.71	ug/l	99
71) Bromoform	12.36	173	76073	51.34	ug/l	100
73) Isopropylbenzene	12.48	105	645197	50.92	ug/l	100
74) N-amyl acetate	12.29	43	164118	51.76	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	119623	48.85	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	74662m	43.16	ug/l	
77) Bromobenzene	12.76	156	160163	50.15	ug/l	99
78) n-propylbenzene	12.82	91	774105	51.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	441385	51.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	549444	51.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32960	50.19	ug/l	98
82) 4-Chlorotoluene	13.00	91	471162	51.22	ug/l	99
83) tert-Butylbenzene	13.22	119	478414	52.14	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	573746	51.92	ug/l	100
85) sec-Butylbenzene	13.40	105	681725	52.04	ug/l	99
86) p-Isopropyltoluene	13.51	119	614212	52.44	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	318883	50.44	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	317269	50.27	ug/l	99
89) n-Butylbenzene	13.83	91	575680	52.52	ug/l	100
90) Hexachloroethane	14.10	117	111636	53.30	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	288925	50.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	21153	49.96	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	206025	50.25	ug/l	99
94) Hexachlorobutadiene	15.26	225	114595	50.17	ug/l	99
95) Naphthalene	15.38	128	390272	51.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	182947	49.75	ug/l	100

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

