

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002528.D
 Acq On : 14 May 2018 22:31
 Operator : JC/SY
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:11:34 PM

Quant Time: May 15 03:20:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 02:22:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	357929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	334233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	179383	71.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.84%	
35) Dibromofluoromethane	7.88	113	166249	72.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.90%	
50) Toluene-d8	10.33	98	635539	72.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.92%	
62) 4-Bromofluorobenzene	12.63	95	232198	73.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	67239	75.13	ug/l	100
3) Chloromethane	2.21	50	121056	67.23	ug/l	95
4) Vinyl Chloride	2.36	62	193502	65.52	ug/l	97
5) Bromomethane	2.77	94	151397	63.26	ug/l	98
6) Chloroethane	2.92	64	132897	66.06	ug/l	99
7) Trichlorofluoromethane	3.25	101	85087	69.16	ug/l	97
8) Diethyl Ether	3.67	74	96961	69.95	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	136004	63.28	ug/l	99
10) Methyl Iodide	4.26	142	219786	63.54	ug/l	100
11) Tert butyl alcohol	5.19	59	60962	324.44	ug/l	100
12) 1,1-Dichloroethene	4.03	96	133472	62.96	ug/l	98
13) Acrolein	3.89	56	62770	390.54	ug/l	98
14) Allyl chloride	4.65	41	207987	66.51	ug/l	100
15) Acrylonitrile	5.37	53	180014	332.14	ug/l	99
16) Acetone	4.12	43	174390	347.83	ug/l	98
17) Carbon Disulfide	4.37	76	363862	59.56	ug/l	100
18) Methyl Acetate	4.67	43	101610	67.79	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	254797	67.75	ug/l	99
20) Methylene Chloride	4.91	84	143639	61.01	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	146939	64.12	ug/l	99
22) Diisopropyl ether	6.31	45	456786	66.40	ug/l	99
23) Vinyl Acetate	6.25	43	1408646	340.45	ug/l	100
24) 1,1-Dichloroethane	6.21	63	268043	64.43	ug/l	98
25) 2-Butanone	7.17	43	247017	333.78	ug/l	97
26) 2,2-Dichloropropane	7.17	77	146257	69.36	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	167365	64.54	ug/l	99
28) Bromochloromethane	7.51	49	122548	64.74	ug/l	99
29) Tetrahydrofuran	7.53	42	160462	332.31	ug/l	98
30) Chloroform	7.67	83	288370	66.05	ug/l	96
31) Cyclohexane	7.95	56	222234	59.99	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	217726	66.08	ug/l	100
36) 1,1-Dichloropropene	8.08	75	213974	66.28	ug/l	100
37) Ethyl Acetate	7.26	43	106131	66.84	ug/l	100
38) Carbon Tetrachloride	8.06	117	212505	67.84	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	249050	66.31	ug/l	99
40) Benzene	8.32	78	614050	65.39	ug/l	99
41) Methacrylonitrile	7.49	41	59974	67.28	ug/l	99
42) 1,2-Dichloroethane	8.40	62	197397	67.01	ug/l	100
43) Isopropyl Acetate	8.43	43	208296	69.16	ug/l	100
44) Trichloroethene	9.09	130	168636	65.69	ug/l	99
45) 1,2-Dichloropropane	9.37	63	157258	66.50	ug/l	99
46) Dibromomethane	9.46	93	89281	67.34	ug/l	99
47) Bromodichloromethane	9.65	83	218119	69.86	ug/l	96
48) Methyl methacrylate	9.44	41	102398	70.14	ug/l	98
49) 1,4-Dioxane	9.45	88	29187	1364.41	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	572914	343.39	ug/l	100
52) Toluene	10.40	92	395771	66.37	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	220088	71.12	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	244738	69.62	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	124053	66.38	ug/l	97
56) Ethyl methacrylate	10.65	69	163258	70.57	ug/l	100
57) 1,3-Dichloropropane	10.94	76	212393	66.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	397093	353.10	ug/l	99
59) 2-Hexanone	10.98	43	400769	350.57	ug/l	100
60) Dibromochloromethane	11.13	129	152019	68.85	ug/l	99
61) 1,2-Dibromoethane	11.24	107	122210	67.13	ug/l	100
64) Tetrachloroethene	10.87	164	160959	63.44	ug/l	99
65) Chlorobenzene	11.66	112	449473	66.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	167981	69.21	ug/l	98
67) Ethyl Benzene	11.74	91	794655	67.91	ug/l	100
68) m/p-Xylenes	11.85	106	611676	135.59	ug/l	100
69) o-Xylene	12.18	106	294457	68.60	ug/l	100
70) Styrene	12.19	104	495739	69.62	ug/l	99
71) Bromoform	12.36	173	97743	69.68	ug/l #	99
73) Isopropylbenzene	12.48	105	805891	66.70	ug/l	99
74) N-amyl acetate	12.28	43	212166	69.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	155405	65.81	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	118792m	68.85	ug/l	
77) Bromobenzene	12.76	156	201775	66.18	ug/l	99
78) n-propylbenzene	12.82	91	969007	67.64	ug/l	100
79) 2-Chlorotoluene	12.90	91	543823	66.05	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	690314	67.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	46297	72.92	ug/l	98
82) 4-Chlorotoluene	13.00	91	585198	66.72	ug/l	100
83) tert-Butylbenzene	13.22	119	591761	67.68	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	718872	68.13	ug/l	99
85) sec-Butylbenzene	13.40	105	846000	67.57	ug/l	100
86) p-Isopropyltoluene	13.51	119	775114	69.09	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	402360	66.69	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	400435	66.43	ug/l	99
89) n-Butylbenzene	13.83	91	728699	69.45	ug/l	100
90) Hexachloroethane	14.11	117	135934	67.82	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	364463	66.34	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	27822	68.10	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	265014	67.29	ug/l	99
94) Hexachlorobutadiene	15.25	225	144458	65.88	ug/l	99
95) Naphthalene	15.38	128	501644	69.00	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	232904	65.91	ug/l	99

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

