

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
 Data File : VW003684.D
 Acq On : 02 Jul 2018 18:42
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 7/3/2018 10:16:52 AM

Quant Time: Jul 03 02:52:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	306302	112.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	225.32%	
35) Dibromofluoromethane	7.88	113	264699	108.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.78%	
50) Toluene-d8	10.33	98	1064780	110.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.36%	
62) 4-Bromofluorobenzene	12.62	95	384911	112.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	224.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	143192	173.67	ug/l	96
3) Chloromethane	2.21	50	205416	107.19	ug/l	99
4) Vinyl Chloride	2.36	62	273290	98.62	ug/l	100
5) Bromomethane	2.77	94	188215	102.84	ug/l	99
6) Chloroethane	2.92	64	171654	91.07	ug/l	98
7) Trichlorofluoromethane	3.25	101	139757	86.58	ug/l	99
8) Diethyl Ether	3.67	74	136486	111.19	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	240946	104.26	ug/l	99
10) Methyl Iodide	4.26	142	371348	106.51	ug/l	100
11) Tert butyl alcohol	5.21	59	93444	632.81	ug/l	98
12) 1,1-Dichloroethene	4.03	96	242126	106.47	ug/l	98
13) Acrolein	3.89	56	26717	147.62	ug/l	96
14) Allyl chloride	4.65	41	433520	110.69	ug/l	99
15) Acrylonitrile	5.37	53	327175	636.06	ug/l	100
16) Acetone	4.14	43	332342	574.38	ug/l	99
17) Carbon Disulfide	4.37	76	774065	113.79	ug/l	100
18) Methyl Acetate	4.67	43	153136	113.85	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	503982	118.19	ug/l	99
20) Methylene Chloride	4.91	84	266409	94.77	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	274547	110.62	ug/l	99
22) Diisopropyl ether	6.31	45	887177	112.17	ug/l	99
23) Vinyl Acetate	6.26	43	2936770	635.35	ug/l	100
24) 1,1-Dichloroethane	6.21	63	511823	109.02	ug/l	99
25) 2-Butanone	7.18	43	480447	662.42	ug/l	98
26) 2,2-Dichloropropane	7.17	77	287397	93.41	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	299456	110.88	ug/l	99
28) Bromochloromethane	7.51	49	214955	110.29	ug/l	99
29) Tetrahydrofuran	7.54	42	298630	671.17	ug/l	100
30) Chloroform	7.68	83	512167	107.49	ug/l	97
31) Cyclohexane	7.96	56	453485	103.06	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	400386	102.68	ug/l	99
36) 1,1-Dichloropropene	8.08	75	410907	107.99	ug/l	99
37) Ethyl Acetate	7.26	43	205124	127.16	ug/l	99
38) Carbon Tetrachloride	8.07	117	386787	104.51	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	501417	113.55	ug/l	99
40) Benzene	8.32	78	1155678	110.14	ug/l	100
41) Methacrylonitrile	7.49	41	121723	124.57	ug/l	96
42) 1,2-Dichloroethane	8.40	62	359347	109.44	ug/l	100
43) Isopropyl Acetate	8.43	43	399321	126.07	ug/l	99
44) Trichloroethene	9.09	130	295846	107.34	ug/l	99
45) 1,2-Dichloropropane	9.37	63	298364	111.71	ug/l	98
46) Dibromomethane	9.46	93	156625	114.07	ug/l	100
47) Bromodichloromethane	9.65	83	388739	111.07	ug/l	100
48) Methyl methacrylate	9.44	41	195786	131.11	ug/l	99
49) 1,4-Dioxane	9.47	88	51982	2502.26	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1052292	647.73	ug/l	100
52) Toluene	10.39	92	732690	109.10	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	420740	117.38	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	472935	115.76	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	218325	112.90	ug/l	98
56) Ethyl methacrylate	10.65	69	309737	131.02	ug/l	98
57) 1,3-Dichloropropane	10.93	76	385815	115.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	589325	565.42	ug/l	99
59) 2-Hexanone	10.98	43	758343	666.81	ug/l	99
60) Dibromochloromethane	11.13	129	264100	115.52	ug/l	99
61) 1,2-Dibromoethane	11.24	107	214641	117.30	ug/l	99
64) Tetrachloroethene	10.87	164	256001	103.95	ug/l	97
65) Chlorobenzene	11.66	112	798797	104.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	281079	104.43	ug/l	99
67) Ethyl Benzene	11.74	91	1447673	106.37	ug/l	99
68) m/p-Xylenes	11.85	106	1098280	212.26	ug/l	100
69) o-Xylene	12.17	106	516422	108.07	ug/l	99
70) Styrene	12.19	104	877593	109.79	ug/l	99
71) Bromoform	12.35	173	163118	116.10	ug/l	99
73) Isopropylbenzene	12.47	105	1421409	107.77	ug/l	100
74) N-amyl acetate	12.28	43	392365	127.70	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	265682	116.68	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	182766m	111.72	ug/l	
77) Bromobenzene	12.76	156	329464	106.80	ug/l	99
78) n-propylbenzene	12.81	91	1733564	107.04	ug/l	100
79) 2-Chlorotoluene	12.90	91	973007	106.30	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1189917	107.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	91793	127.48	ug/l	96
82) 4-Chlorotoluene	12.99	91	1017528	104.85	ug/l	99
83) tert-Butylbenzene	13.21	119	1008483	106.90	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1215930	106.43	ug/l	100
85) sec-Butylbenzene	13.39	105	1477828	105.30	ug/l	100
86) p-Isopropyltoluene	13.51	119	1318893	106.79	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	654730	103.64	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	642695	102.27	ug/l	99
89) n-Butylbenzene	13.83	91	1291781	107.07	ug/l	99
90) Hexachloroethane	14.10	117	236556	105.72	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	581847	104.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46795	121.95	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	419532	107.71	ug/l	100
94) Hexachlorobutadiene	15.25	225	234160	100.74	ug/l	99
95) Naphthalene	15.38	128	824530	123.29	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	371774	108.22	ug/l	100

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

