

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000211.D
 Acq On : 07 Mar 2018 14:17
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 3/8/2018 10:42:38 AM

Quant Time: Mar 08 00:53:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	158005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	262603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	210605	104.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.62%	
35) Dibromofluoromethane	5.51	113	168924	101.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.14%	
50) Toluene-d8	8.73	98	721601	108.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.38%	
62) 4-Bromofluorobenzene	11.15	95	288065	110.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	162541	99.58	ug/l	99
3) Chloromethane	1.32	50	152405	95.31	ug/l	100
4) Vinyl Chloride	1.41	62	186503	103.88	ug/l	99
5) Bromomethane	1.64	94	198785	112.26	ug/l	98
6) Chloroethane	1.71	64	121498	99.97	ug/l	97
7) Trichlorofluoromethane	1.93	101	324934	101.05	ug/l	99
8) Diethyl Ether	2.20	74	111925	100.78	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172783	96.49	ug/l	98
10) Methyl Iodide	2.51	142	200425	105.34	ug/l	100
11) Tert butyl alcohol	3.10	59	388847	506.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	166162	99.87	ug/l	95
13) Acrolein	2.30	56	204571	542.30	ug/l	97
14) Allyl chloride	2.73	41	294378	104.63	ug/l	99
15) Acrylonitrile	3.16	53	704906	533.93	ug/l	99
16) Acetone	2.46	43	723471	545.08	ug/l	98
17) Carbon Disulfide	2.57	76	468201	95.79	ug/l	98
18) Methyl Acetate	2.79	43	314510	102.66	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	592465	103.44	ug/l	99
20) Methylene Chloride	2.86	84	173390	93.54	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	184822	102.14	ug/l	96
22) Diisopropyl ether	3.89	45	490001	100.97	ug/l	95
23) Vinyl Acetate	3.84	43	2350224	514.20	ug/l	99
24) 1,1-Dichloroethane	3.70	63	296360	99.30	ug/l	100
25) 2-Butanone	4.73	43	943039	519.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	235232	94.75	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	162264	94.98	ug/l	98
28) Bromochloromethane	5.03	49	133008	101.63	ug/l	97
29) Tetrahydrofuran	5.18	42	614003	521.99	ug/l	98
30) Chloroform	5.23	83	316050	103.83	ug/l	97
31) Cyclohexane	5.59	56	246347	98.84	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	284393	101.96	ug/l	99
36) 1,1-Dichloropropene	5.81	75	232194	98.32	ug/l	99
37) Ethyl Acetate	4.88	43	330595	101.49	ug/l	99
38) Carbon Tetrachloride	5.80	117	254231	100.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	284320	99.74	ug/l	96
40) Benzene	6.15	78	679114	100.48	ug/l	98
41) Methacrylonitrile	5.07	41	166104	97.61	ug/l	98
42) 1,2-Dichloroethane	6.21	62	258370	103.18	ug/l	99
43) Isopropyl Acetate	6.48	43	493630	104.66	ug/l	99
44) Trichloroethene	7.23	130	194429	98.21	ug/l	97
45) 1,2-Dichloropropane	7.52	63	171655	103.16	ug/l	95
46) Dibromomethane	7.67	93	131114	100.92	ug/l	97
47) Bromodichloromethane	7.91	83	257174	107.42	ug/l	99
48) Methyl methacrylate	7.79	41	242192	105.03	ug/l	99
49) 1,4-Dioxane	7.77	88	112901	1905.17	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1970525	566.23	ug/l	99
52) Toluene	8.79	92	497040	109.33	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	300106	106.66	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	308337	110.41	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	201678	107.79	ug/l	98
56) Ethyl methacrylate	9.20	69	323869	112.57	ug/l	98
57) 1,3-Dichloropropane	9.38	76	312869	105.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	738775	508.91	ug/l	98
59) 2-Hexanone	9.51	43	1705677	577.77	ug/l	98
60) Dibromochloromethane	9.59	129	236049	112.42	ug/l	99
61) 1,2-Dibromoethane	9.68	107	228318	109.71	ug/l	98
64) Tetrachloroethene	9.34	164	185643	93.97	ug/l	100
65) Chlorobenzene	10.15	112	585921	101.06	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	202378	100.70	ug/l	98
67) Ethyl Benzene	10.26	91	985243	100.82	ug/l	97
68) m/p-Xylenes	10.37	106	812161	209.68	ug/l	96
69) o-Xylene	10.71	106	388892	104.48	ug/l	98
70) Styrene	10.72	104	668967	109.59	ug/l	98
71) Bromoform	10.87	173	207031	114.26	ug/l #	100
73) Isopropylbenzene	11.02	105	1056443	96.30	ug/l	99
74) N-amyl acetate	6.48	43	493630	89.48	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	380752	99.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	331662m	92.81	ug/l	
77) Bromobenzene	11.26	156	283136	96.36	ug/l	97
78) n-propylbenzene	11.37	91	1240154	95.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	702206	95.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	906098	97.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	129749	104.76	ug/l	94
82) 4-Chlorotoluene	11.52	91	854372	95.06	ug/l	99
83) tert-Butylbenzene	11.78	119	907176	96.93	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	928878	96.42	ug/l	100
85) sec-Butylbenzene	11.96	105	1107818	95.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	1010851	97.43	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	533517	93.84	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	557593	94.92	ug/l	99
89) n-Butylbenzene	12.40	91	942621	95.76	ug/l	100
90) Hexachloroethane	12.60	117	171873	102.51	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	536254	95.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	111441	105.15	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	389883	93.82	ug/l	99
94) Hexachlorobutadiene	13.79	225	155114	86.67	ug/l	99
95) Naphthalene	13.85	128	1391126	98.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	385770	94.16	ug/l	99

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

