

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000717.D
 Acq On : 07 Apr 2018 15:49
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

sam
 4/9/2018 2:02:20 PM

Quant Time: Apr 07 16:55:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	253278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	334046	92.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.38%	
35) Dibromofluoromethane	5.51	113	281929	98.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.68%	
50) Toluene-d8	8.72	98	1044793	99.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.52%	
62) 4-Bromofluorobenzene	11.15	95	430107	100.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	287803	98.022	ug/l	99
3) Chloromethane	1.32	50	229539	95.067	ug/l	97
4) Vinyl Chloride	1.40	62	240650	95.413	ug/l	99
5) Bromomethane	1.64	94	130208	93.392	ug/l	98
6) Chloroethane	1.72	64	145222	94.282	ug/l	99
7) Trichlorofluoromethane	1.93	101	400741	97.057	ug/l	99
8) Diethyl Ether	2.19	74	147042	95.551	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	244336	100.996	ug/l	99
10) Methyl Iodide	2.51	142	281673	106.649	ug/l	99
11) Tert butyl alcohol	3.09	59	283847	421.157	ug/l	100
12) 1,1-Dichloroethene	2.37	96	209067	96.012	ug/l	99
13) Acrolein	2.30	56	129252	496.335	ug/l	99
14) Allyl chloride	2.73	41	418167	96.140	ug/l	99
15) Acrylonitrile	3.15	53	614561	455.803	ug/l	100
16) Acetone	2.45	43	515195	455.207	ug/l	100
17) Carbon Disulfide	2.57	76	499644	96.542	ug/l	100
18) Methyl Acetate	2.78	43	329093	91.353	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	799874	95.070	ug/l	100
20) Methylene Chloride	2.86	84	247521	99.507	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	228119	97.747	ug/l	99
22) Diisopropyl ether	3.88	45	855131	95.558	ug/l	96
23) Vinyl Acetate	3.83	43	3597217	462.326	ug/l	99
24) 1,1-Dichloroethane	3.70	63	432220	92.771	ug/l	98
25) 2-Butanone	4.71	43	916958	439.732	ug/l	98
26) 2,2-Dichloropropane	4.59	77	456315	98.591	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	285513	95.231	ug/l	99
28) Bromochloromethane	5.03	49	188300	91.579	ug/l	99
29) Tetrahydrofuran	5.17	42	581278	436.962	ug/l	99
30) Chloroform	5.22	83	479915	95.858	ug/l	98
31) Cyclohexane	5.58	56	380263	97.776	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	458515	96.104	ug/l	99
36) 1,1-Dichloropropene	5.81	75	354314	101.909	ug/l	100
37) Ethyl Acetate	4.87	43	365228	92.535	ug/l	99
38) Carbon Tetrachloride	5.79	117	424028	100.476	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	420337	105.197	ug/l	97
40) Benzene	6.15	78	1006741	99.312	ug/l	100
41) Methacrylonitrile	5.07	41	219074	94.213	ug/l	99
42) 1,2-Dichloroethane	6.21	62	388878	96.353	ug/l	99
43) Isopropyl Acetate	6.48	43	658333	94.975	ug/l	99
44) Trichloroethene	7.22	130	313663	100.592	ug/l	98
45) 1,2-Dichloropropane	7.52	63	265571	97.171	ug/l	99
46) Dibromomethane	7.67	93	183150	97.764	ug/l	97
47) Bromodichloromethane	7.90	83	393330	99.497	ug/l	100
48) Methyl methacrylate	7.79	41	337075	94.738	ug/l	99
49) 1,4-Dioxane	7.77	88	126182	1749.813	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1941657	470.960	ug/l	99
52) Toluene	8.79	92	677105	100.001	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	468957	99.886	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	467512	98.933	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	276797	98.894	ug/l	100
56) Ethyl methacrylate	9.19	69	446032	98.027	ug/l	99
57) 1,3-Dichloropropane	9.38	76	447781	99.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1083046	562.088	ug/l	100
59) 2-Hexanone	9.51	43	1483848	468.071	ug/l	99
60) Dibromochloromethane	9.59	129	356111	101.259	ug/l	100
61) 1,2-Dibromoethane	9.68	107	293177	98.458	ug/l	99
64) Tetrachloroethene	9.34	164	311351	101.465	ug/l	100
65) Chlorobenzene	10.15	112	815299	100.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	320587	100.671	ug/l	100
67) Ethyl Benzene	10.26	91	1364157	100.385	ug/l	99
68) m/p-Xylenes	10.37	106	1078567	203.049	ug/l	99
69) o-Xylene	10.71	106	529235	101.482	ug/l	99
70) Styrene	10.72	104	905235	101.538	ug/l	100
71) Bromoform	10.87	173	317084	101.504	ug/l #	99
73) Isopropylbenzene	11.02	105	1444274	97.790	ug/l	100
74) N-amyl acetate	6.48	43	658333	90.642	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	424850	96.156	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	401506m	93.913	ug/l	
77) Bromobenzene	11.26	156	413948	97.892	ug/l	99
78) n-propylbenzene	11.37	91	1650593	98.344	ug/l	100
79) 2-Chlorotoluene	11.43	91	972299	97.593	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1251395	98.476	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	158450	96.502	ug/l	94
82) 4-Chlorotoluene	11.52	91	1179178	97.897	ug/l	100
83) tert-Butylbenzene	11.78	119	1292621	98.592	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	1292959	98.211	ug/l	99
85) sec-Butylbenzene	11.95	105	1520804	98.976	ug/l	100
86) p-Isopropyltoluene	12.07	119	1426483	99.610	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	783960	99.749	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	797521	99.661	ug/l	100
89) n-Butylbenzene	12.40	91	1286682	101.424	ug/l	99
90) Hexachloroethane	12.60	117	260726	99.522	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	767416	99.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	108527	91.513	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	664395	102.190	ug/l	100
94) Hexachlorobutadiene	13.79	225	335662	105.218	ug/l	100
95) Naphthalene	13.84	128	1682500	95.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	639511	100.557	ug/l	100

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

