

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000048.D
 Acq On : 09 Feb 2018 17:25
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

sam
 2/14/2018 5:30:27 PM

Quant Time: Feb 09 22:49:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 22:29:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	154081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	230596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	144415	87.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.68%	
35) Dibromofluoromethane	5.52	113	136144	101.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.86%	
50) Toluene-d8	8.73	98	487058	97.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.14%	
62) 4-Bromofluorobenzene	11.15	95	196518	95.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	128011	91.39	ug/l	98
3) Chloromethane	1.32	50	131497	90.45	ug/l	98
4) Vinyl Chloride	1.41	62	146715	89.72	ug/l	100
5) Bromomethane	1.64	94	83273	66.73	ug/l	100
6) Chloroethane	1.71	64	73288	75.82	ug/l	97
7) Trichlorofluoromethane	1.92	101	255532	90.25	ug/l	99
8) Diethyl Ether	2.20	74	91520	92.83	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	145141	91.97	ug/l	99
10) Methyl Iodide	2.51	142	193338	105.11	ug/l	99
11) Tert butyl alcohol	3.11	59	334580	469.40	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136197	89.27	ug/l	97
13) Acrolein	2.30	56	177237	407.43	ug/l	99
14) Allyl chloride	2.73	41	226432	85.10	ug/l	98
15) Acrylonitrile	3.17	53	534766	464.41	ug/l	99
16) Acetone	2.46	43	478436	357.70	ug/l	99
17) Carbon Disulfide	2.57	76	407362	94.25	ug/l	100
18) Methyl Acetate	2.79	43	239406	92.31	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	474577	93.00	ug/l	99
20) Methylene Chloride	2.86	84	144890	89.76	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	146753	90.54	ug/l	99
22) Diisopropyl ether	3.89	45	399587	85.34	ug/l	99
23) Vinyl Acetate	3.84	43	1848702	457.08	ug/l	100
24) 1,1-Dichloroethane	3.70	63	239190	86.74	ug/l	99
25) 2-Butanone	4.73	43	718976	435.48	ug/l	99
26) 2,2-Dichloropropane	4.59	77	212950	91.04	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	153226	96.89	ug/l	97
28) Bromochloromethane	5.04	49	77118	84.34	ug/l	98
29) Tetrahydrofuran	5.19	42	487987	476.33	ug/l	100
30) Chloroform	5.23	83	253451	95.80	ug/l	98
31) Cyclohexane	5.58	56	201978	93.13	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	240355	94.82	ug/l	99
36) 1,1-Dichloropropene	5.81	75	191329	100.84	ug/l	99
37) Ethyl Acetate	4.89	43	257126	98.00	ug/l	100
38) Carbon Tetrachloride	5.79	117	224870	112.42	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	237321	98.22	ug/l	99
40) Benzene	6.15	78	556852	100.07	ug/l	98
41) Methacrylonitrile	5.09	41	131968	96.54	ug/l	98
42) 1,2-Dichloroethane	6.21	62	195131	98.04	ug/l	100
43) Isopropyl Acetate	6.49	43	382872	99.19	ug/l	99
44) Trichloroethene	7.23	130	171284	97.50	ug/l	98
45) 1,2-Dichloropropane	7.53	63	136674	98.58	ug/l	97
46) Dibromomethane	7.67	93	106269	98.45	ug/l	98
47) Bromodichloromethane	7.91	83	205641	101.95	ug/l	100
48) Methyl methacrylate	7.79	41	185079	97.14	ug/l	99
49) 1,4-Dioxane	7.78	88	109076	1992.35	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	1401525	508.20	ug/l	99
52) Toluene	8.80	92	379286	101.68	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	244643	103.96	ug/l	100
54) cis-1,3-Dichloropropene	9.06	75	243474	106.10	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	157523	100.85	ug/l	99
56) Ethyl methacrylate	9.20	69	251959	103.80	ug/l	99
57) 1,3-Dichloropropane	9.38	76	244755	98.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.33	63	600096	555.62	ug/l	100
59) 2-Hexanone	9.51	43	1157755	490.50	ug/l	99
60) Dibromochloromethane	9.59	129	192318	109.05	ug/l	99
61) 1,2-Dibromoethane	9.68	107	178496	103.71	ug/l	98
64) Tetrachloroethene	9.34	164	163585	98.19	ug/l	98
65) Chlorobenzene	10.15	112	449497	101.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	167739	103.53	ug/l	99
67) Ethyl Benzene	10.26	91	748764	100.76	ug/l	99
68) m/p-Xylenes	10.37	106	600462	204.18	ug/l	99
69) o-Xylene	10.71	106	288819	101.07	ug/l	100
70) Styrene	10.72	104	492190	103.66	ug/l	99
71) Bromoform	10.87	173	170520	111.74	ug/l #	99
73) Isopropylbenzene	11.03	105	775919	101.28	ug/l	99
74) N-amyl acetate	6.49	43	382872	100.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	267605	102.10	ug/l	99
76) 1,2,3-Trichloropropane	11.31	75	228646m	96.28	ug/l	
77) Bromobenzene	11.27	156	212666	104.19	ug/l	99
78) n-propylbenzene	11.37	91	897570	100.92	ug/l	100
79) 2-Chlorotoluene	11.43	91	519292	102.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	653349	101.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	102237	119.21	ug/l	99
82) 4-Chlorotoluene	11.52	91	618714	101.07	ug/l	100
83) tert-Butylbenzene	11.78	119	651707	99.96	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	670809	100.87	ug/l	98
85) sec-Butylbenzene	11.96	105	803357	100.33	ug/l	99
86) p-Isopropyltoluene	12.07	119	724085	100.34	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	396559	100.09	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	398846	99.18	ug/l	99
89) n-Butylbenzene	12.40	91	668308	99.17	ug/l	100
90) Hexachloroethane	12.60	117	130738	112.62	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	381960	98.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	76587	99.39	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	295835	99.17	ug/l	100
94) Hexachlorobutadiene	13.79	225	140377	102.79	ug/l	99
95) Naphthalene	13.85	128	980177	97.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	290570	99.44	ug/l	99

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

