

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000663.D
 Acq On : 04 Apr 2018 17:44
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

sam
 4/5/2018 6:25:44 PM

Quant Time: Apr 05 03:11:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 02:06:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	105023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	183435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	141796	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	174390	122.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	244.30%	
35) Dibromofluoromethane	5.51	113	128080	110.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.18%	
50) Toluene-d8	8.73	98	593901	121.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	242.88%	
62) 4-Bromofluorobenzene	11.15	95	246216	127.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	254.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	146650	123.31	ug/l	98
3) Chloromethane	1.32	50	114337	94.93	ug/l	96
4) Vinyl Chloride	1.40	62	144573	108.73	ug/l	100
5) Bromomethane	1.64	94	156184	98.04	ug/l	97
6) Chloroethane	1.71	64	116746	116.78	ug/l	99
7) Trichlorofluoromethane	1.92	101	296553	124.35	ug/l	96
8) Diethyl Ether	2.19	74	107820	125.51	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	163113	122.77	ug/l	98
10) Methyl Iodide	2.51	142	129692	121.55	ug/l	98
11) Tert butyl alcohol	3.11	59	375246	743.82	ug/l	100
12) 1,1-Dichloroethene	2.37	96	146752	126.65	ug/l	97
13) Acrolein	2.30	56	219464	1079.62	ug/l	100
14) Allyl chloride	2.73	41	287136	126.33	ug/l	98
15) Acrylonitrile	3.16	53	708064	704.43	ug/l	99
16) Acetone	2.46	43	721145	615.59	ug/l	99
17) Carbon Disulfide	2.57	76	339171	102.78	ug/l	98
18) Methyl Acetate	2.79	43	347498	138.13	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	574134	132.45	ug/l	100
20) Methylene Chloride	2.86	84	166098	123.32	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	161139	124.81	ug/l	92
22) Diisopropyl ether	3.89	45	409456	114.57	ug/l	95
23) Vinyl Acetate	3.84	43	1929970	581.55	ug/l	99
24) 1,1-Dichloroethane	3.70	63	237981	104.11	ug/l	99
25) 2-Butanone	4.73	43	782720	604.48	ug/l	98
26) 2,2-Dichloropropane	4.59	77	157277	103.16	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	116923	100.10	ug/l	97
28) Bromochloromethane	5.03	49	94466	102.86	ug/l	99
29) Tetrahydrofuran	5.18	42	527912	660.26	ug/l	99
30) Chloroform	5.23	83	249076	119.87	ug/l	95
31) Cyclohexane	5.58	56	178691	105.07	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	212699	114.09	ug/l	98
36) 1,1-Dichloropropene	5.81	75	173721	102.30	ug/l	99
37) Ethyl Acetate	4.89	43	279509	119.46	ug/l	99
38) Carbon Tetrachloride	5.79	117	178648	101.68	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	198292	97.40	ug/l	95
40) Benzene	6.15	78	516399	105.26	ug/l	100
41) Methacrylonitrile	5.08	41	145310	116.20	ug/l	98
42) 1,2-Dichloroethane	6.21	62	213572	109.34	ug/l	98
43) Isopropyl Acetate	6.48	43	425627	121.38	ug/l	99
44) Trichloroethene	7.22	130	133636	95.25	ug/l	100
45) 1,2-Dichloropropane	7.52	63	137137	108.47	ug/l	97
46) Dibromomethane	7.67	93	101679	102.75	ug/l	99
47) Bromodichloromethane	7.91	83	208655	119.38	ug/l	97
48) Methyl methacrylate	7.79	41	209714	123.10	ug/l	98
49) 1,4-Dioxane	7.77	88	93328	2584.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1849602	672.22	ug/l	96
52) Toluene	8.79	92	401563	116.43	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	232674	115.12	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	246183	125.32	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	164961	115.79	ug/l	96
56) Ethyl methacrylate	9.20	69	272471	125.75	ug/l	95
57) 1,3-Dichloropropane	9.38	76	258956	113.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	590821	584.36	ug/l	98
59) 2-Hexanone	9.51	43	1579006	672.70	ug/l	96
60) Dibromochloromethane	9.59	129	189063	130.78	ug/l	100
61) 1,2-Dibromoethane	9.68	107	191319	125.61	ug/l	97
64) Tetrachloroethene	9.34	164	136796	87.45	ug/l	95
65) Chlorobenzene	10.15	112	464978	102.72	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	159131	104.91	ug/l	95
67) Ethyl Benzene	10.26	91	826625	107.10	ug/l	96
68) m/p-Xylenes	10.37	106	668406	220.75	ug/l	97
69) o-Xylene	10.71	106	317803	108.73	ug/l	96
70) Styrene	10.72	104	579363	119.40	ug/l	97
71) Bromoform	10.87	173	158588	117.37	ug/l #	99
73) Isopropylbenzene	11.02	105	916087	100.39	ug/l	99
74) N-amyl acetate	6.48	43	425627	92.60	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	339744	104.35	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	306729m	102.39	ug/l	
77) Bromobenzene	11.26	156	228324	94.15	ug/l	93
78) n-propylbenzene	11.37	91	1081974	98.40	ug/l	97
79) 2-Chlorotoluene	11.43	91	615153	97.02	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	785850	101.83	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	104303	114.38	ug/l	92
82) 4-Chlorotoluene	11.52	91	767380	100.46	ug/l	97
83) tert-Butylbenzene	11.78	119	779417	100.71	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	816257	100.86	ug/l	99
85) sec-Butylbenzene	11.96	105	972464	100.96	ug/l	98
86) p-Isopropyltoluene	12.07	119	865839	101.15	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	445618	96.81	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	465443	95.79	ug/l	98
89) n-Butylbenzene	12.40	91	844041	104.49	ug/l	99
90) Hexachloroethane	12.60	117	144400	108.21	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	450279	99.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	98356	107.19	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	303287	93.77	ug/l	98
94) Hexachlorobutadiene	13.79	225	110115	83.67	ug/l	98
95) Naphthalene	13.84	128	1172465	104.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	300958	94.56	ug/l	99

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

