

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001139.D
 Acq On : 26 Apr 2018 18:46
 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

MMDadoda
 4/30/2018 6:03:28 PM

Quant Time: Apr 27 01:38:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:18:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	339157	110.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.14%	
35) Dibromofluoromethane	5.51	113	273636	109.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.24%	
50) Toluene-d8	8.73	98	1020218	110.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.60%	
62) 4-Bromofluorobenzene	11.15	95	414236	107.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	242248	87.03	ug/l	98
3) Chloromethane	1.32	50	242267	90.94	ug/l	100
4) Vinyl Chloride	1.40	62	258619	92.65	ug/l	100
5) Bromomethane	1.64	94	164701	95.05	ug/l	100
6) Chloroethane	1.71	64	168750	100.08	ug/l	99
7) Trichlorofluoromethane	1.92	101	430679	101.65	ug/l	100
8) Diethyl Ether	2.19	74	162747	102.34	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	239692	97.31	ug/l	99
10) Methyl Iodide	2.51	142	267416	127.94	ug/l	99
11) Tert butyl alcohol	3.10	59	350424	684.66	ug/l	99
12) 1,1-Dichloroethene	2.37	96	227579	99.00	ug/l	100
13) Acrolein	2.30	56	132101	764.94	ug/l	98
14) Allyl chloride	2.73	41	443149	105.32	ug/l	99
15) Acrylonitrile	3.16	53	748371	586.71	ug/l	100
16) Acetone	2.46	43	685292	577.12	ug/l	100
17) Carbon Disulfide	2.57	76	619986	95.83	ug/l	99
18) Methyl Acetate	2.79	43	368529	106.99	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	845123	106.94	ug/l	99
20) Methylene Chloride	2.85	84	256579	96.55	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	250382	97.33	ug/l	98
22) Diisopropyl ether	3.89	45	870016	106.85	ug/l	99
23) Vinyl Acetate	3.84	43	3848568	563.26	ug/l	100
24) 1,1-Dichloroethane	3.70	63	437417	96.73	ug/l	100
25) 2-Butanone	4.73	43	1079558	585.48	ug/l	100
26) 2,2-Dichloropropane	4.59	77	364042	95.13	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	283132	98.94	ug/l	99
28) Bromochloromethane	5.03	49	197875	109.75	ug/l	99
29) Tetrahydrofuran	5.18	42	698932	599.00	ug/l	99
30) Chloroform	5.23	83	487272	103.43	ug/l	98
31) Cyclohexane	5.58	56	387386	93.10	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	434679	103.55	ug/l	99
36) 1,1-Dichloropropene	5.81	75	351148	93.71	ug/l	99
37) Ethyl Acetate	4.88	43	422324	117.11	ug/l	100
38) Carbon Tetrachloride	5.79	117	385794	101.45	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	410642	94.94	ug/l	99
40) Benzene	6.15	78	1042079	98.96	ug/l	99
41) Methacrylonitrile	5.08	41	238409	107.10	ug/l	99
42) 1,2-Dichloroethane	6.21	62	413951	101.44	ug/l	100
43) Isopropyl Acetate	6.48	43	699508	114.28	ug/l	100
44) Trichloroethene	7.22	130	309027	96.60	ug/l	100
45) 1,2-Dichloropropane	7.52	63	272496	102.46	ug/l	99
46) Dibromomethane	7.67	93	192757	103.28	ug/l	99
47) Bromodichloromethane	7.91	83	373372	108.65	ug/l	99
48) Methyl methacrylate	7.79	41	366598	111.73	ug/l	100
49) 1,4-Dioxane	7.77	88	148316	2837.94	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	2304193	610.48	ug/l	100
52) Toluene	8.79	92	692423	100.85	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	446950	109.04	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	436655	113.06	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	290103	105.21	ug/l	100
56) Ethyl methacrylate	9.19	69	463973	113.97	ug/l	98
57) 1,3-Dichloropropane	9.38	76	465207	101.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1017890	517.12	ug/l	99
59) 2-Hexanone	9.51	43	1816062	625.76	ug/l	99
60) Dibromochloromethane	9.59	129	336221	116.53	ug/l	100
61) 1,2-Dibromoethane	9.68	107	316345	108.39	ug/l	99
64) Tetrachloroethene	9.34	164	312444	94.81	ug/l	98
65) Chlorobenzene	10.15	112	816926	98.79	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	311054	109.33	ug/l	99
67) Ethyl Benzene	10.26	91	1361475	99.51	ug/l	99
68) m/p-Xylenes	10.37	106	1085309	201.27	ug/l	100
69) o-Xylene	10.71	106	530836	101.80	ug/l	99
70) Styrene	10.72	104	906159	105.57	ug/l	99
71) Bromoform	10.87	173	295640	125.74	ug/l	100
73) Isopropylbenzene	11.02	105	1418892	99.87	ug/l	100
74) N-amyl acetate	6.48	43	699508	111.53	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	476974	115.60	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	448271m	115.03	ug/l	
77) Bromobenzene	11.26	156	416914	100.77	ug/l	100
78) n-propylbenzene	11.37	91	1587833	97.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	961614	99.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1226304	101.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	141265	130.28	ug/l	96
82) 4-Chlorotoluene	11.52	91	1165313	99.75	ug/l	99
83) tert-Butylbenzene	11.77	119	1239051	101.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1257319	101.05	ug/l	99
85) sec-Butylbenzene	11.95	105	1420079	98.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	1331597	99.41	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	754251	97.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	773105	97.45	ug/l	99
89) n-Butylbenzene	12.40	91	1177122	99.18	ug/l	99
90) Hexachloroethane	12.60	117	214180	113.23	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	765001	101.88	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	114497	129.81	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	599736	96.14	ug/l	100
94) Hexachlorobutadiene	13.79	225	285550	100.41	ug/l	99
95) Naphthalene	13.84	128	1708885	109.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	601908	99.17	ug/l	99

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

