

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001939.D
 Acq On : 24 May 2018 12:13
 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

MMDadoda
 5/25/2018 2:25:52 PM

Quant Time: May 24 12:56:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	451849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	300448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	552802	96.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.60%	
35) Dibromofluoromethane	5.51	113	434703	98.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.42%	
50) Toluene-d8	8.72	98	1608758	98.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.94%	
62) 4-Bromofluorobenzene	11.14	95	647128	101.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	410724	97.04	ug/l	98
3) Chloromethane	1.32	50	451438	93.63	ug/l	100
4) Vinyl Chloride	1.40	62	457374	98.26	ug/l	100
5) Bromomethane	1.64	94	209988	93.64	ug/l	99
6) Chloroethane	1.71	64	259133	94.37	ug/l	99
7) Trichlorofluoromethane	1.92	101	665803	94.79	ug/l	100
8) Diethyl Ether	2.19	74	246944	95.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	372303	96.52	ug/l	99
10) Methyl Iodide	2.51	142	583047	98.03	ug/l	100
11) Tert butyl alcohol	3.10	59	528001	466.79	ug/l	99
12) 1,1-Dichloroethene	2.37	96	349369	97.12	ug/l	100
13) Acrolein	2.30	56	230711	514.42	ug/l	99
14) Allyl chloride	2.73	41	739897	95.55	ug/l	100
15) Acrylonitrile	3.16	53	1087299	468.97	ug/l	100
16) Acetone	2.46	43	1003708	462.31	ug/l	99
17) Carbon Disulfide	2.56	76	1022347	97.20	ug/l	99
18) Methyl Acetate	2.78	43	524366	93.48	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1313750	94.74	ug/l	100
20) Methylene Chloride	2.86	84	383311	95.15	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	365754	94.54	ug/l	98
22) Diisopropyl ether	3.88	45	1504108	92.58	ug/l	99
23) Vinyl Acetate	3.83	43	6055903	458.41	ug/l	99
24) 1,1-Dichloroethane	3.70	63	718247	95.95	ug/l	99
25) 2-Butanone	4.73	43	1899155	463.73	ug/l	100
26) 2,2-Dichloropropane	4.59	77	701385	94.49	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	463634	96.45	ug/l	95
28) Bromochloromethane	5.03	49	325460	95.45	ug/l	99
29) Tetrahydrofuran	5.18	42	1214538	458.87	ug/l	99
30) Chloroform	5.22	83	798190	96.38	ug/l	98
31) Cyclohexane	5.57	56	734250	95.89	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	755262	96.32	ug/l	99
36) 1,1-Dichloropropene	5.80	75	591750	98.18	ug/l	99
37) Ethyl Acetate	4.88	43	750017	94.04	ug/l	100
38) Carbon Tetrachloride	5.79	117	690134	98.16	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	726530	98.88	ug/l	99
40) Benzene	6.15	78	1740732	97.15	ug/l	100
41) Methacrylonitrile	5.07	41	426947	96.30	ug/l	99
42) 1,2-Dichloroethane	6.20	62	683931	97.78	ug/l	99
43) Isopropyl Acetate	6.48	43	1280348	95.85	ug/l	100
44) Trichloroethene	7.22	130	504730	97.56	ug/l	100
45) 1,2-Dichloropropane	7.53	63	465089	97.39	ug/l	99
46) Dibromomethane	7.67	93	311265	96.57	ug/l	99
47) Bromodichloromethane	7.90	83	659050	97.29	ug/l	100
48) Methyl methacrylate	7.79	41	647645	95.95	ug/l	99
49) 1,4-Dioxane	7.77	88	227401	1868.97	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	3792524	469.47	ug/l	99
52) Toluene	8.79	92	1111975	98.22	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	780862	97.58	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	763542	98.67	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	452157	97.52	ug/l	99
56) Ethyl methacrylate	9.19	69	779733	97.65	ug/l	100
57) 1,3-Dichloropropane	9.38	76	758454	97.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1772773	492.30	ug/l	98
59) 2-Hexanone	9.51	43	2954386	472.54	ug/l	99
60) Dibromochloromethane	9.59	129	563570	99.63	ug/l	99
61) 1,2-Dibromoethane	9.68	107	488827	98.25	ug/l	100
64) Tetrachloroethene	9.34	164	570622	98.15	ug/l	99
65) Chlorobenzene	10.15	112	1267719	98.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	508882	98.74	ug/l	99
67) Ethyl Benzene	10.26	91	2188344	96.92	ug/l	99
68) m/p-Xylenes	10.37	106	1695367	197.33	ug/l	97
69) o-Xylene	10.71	106	834556	98.04	ug/l	100
70) Styrene	10.72	104	1421536	99.45	ug/l	100
71) Bromoform	10.87	173	507366	101.15	ug/l #	99
73) Isopropylbenzene	11.02	105	2250448	92.83	ug/l	100
74) N-amyl acetate	6.48	43	1280348	89.74	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	675641	95.37	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	596393m	89.87	ug/l	
77) Bromobenzene	11.26	156	617711	95.83	ug/l	98
78) n-propylbenzene	11.37	91	2556592	92.92	ug/l	99
79) 2-Chlorotoluene	11.43	91	1541544	93.52	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1931701	93.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	260818	93.48	ug/l	99
82) 4-Chlorotoluene	11.52	91	1805425	93.90	ug/l	100
83) tert-Butylbenzene	11.77	119	1928252	96.14	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1996556	94.12	ug/l	99
85) sec-Butylbenzene	11.95	105	2306891	93.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	2100922	95.26	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1125019	97.79	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1125560	97.24	ug/l	99
89) n-Butylbenzene	12.40	91	1846514	96.37	ug/l	99
90) Hexachloroethane	12.60	117	407519	94.29	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1134963	96.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	201824	93.45	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	857520	99.32	ug/l	100
94) Hexachlorobutadiene	13.79	225	456225	98.92	ug/l	100
95) Naphthalene	13.84	128	2512251	94.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	864341	97.48	ug/l	100

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

