

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001719.D
 Acq On : 14 May 2018 19:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX051518

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:08 AM

Quant Time: May 15 05:48:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	253000	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	221604	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	5.51	113	188930	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.72	98	710280	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	11.14	95	243429	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160889	48.59	ug/l	99
3) Chloromethane	1.32	50	195109	54.55	ug/l	99
4) Vinyl Chloride	1.40	62	193743	50.10	ug/l	99
5) Bromomethane	1.64	94	87035	53.71	ug/l	98
6) Chloroethane	1.72	64	121673	49.95	ug/l	98
7) Trichlorofluoromethane	1.93	101	273585	48.69	ug/l	98
8) Diethyl Ether	2.19	74	116456	50.35	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	160551	47.46	ug/l	99
10) Methyl Iodide	2.51	142	118043	37.93	ug/l	99
11) Tert butyl alcohol	3.09	59	195665	249.19	ug/l	100
12) 1,1-Dichloroethene	2.37	96	159437	48.89	ug/l	99
13) Acrolein	2.30	56	156312	280.68	ug/l	99
14) Allyl chloride	2.73	41	305599	50.69	ug/l	98
15) Acrylonitrile	3.15	53	501447	254.26	ug/l	100
16) Acetone	2.45	43	416668	239.86	ug/l	99
17) Carbon Disulfide	2.57	76	431957	50.78	ug/l	99
18) Methyl Acetate	2.78	43	264149	52.01	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	559501	50.90	ug/l	99
20) Methylene Chloride	2.86	84	179145	48.18	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	176107	49.02	ug/l	97
22) Diisopropyl ether	3.88	45	586764	50.74	ug/l	99
23) Vinyl Acetate	3.83	43	2019171	242.34	ug/l	100
24) 1,1-Dichloroethane	3.70	63	312116	49.21	ug/l	99
25) 2-Butanone	4.72	43	693620	260.81	ug/l	97
26) 2,2-Dichloropropane	4.59	77	246705	48.32	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	206363	50.48	ug/l	99
28) Bromochloromethane	5.03	49	151479	53.77	ug/l	100
29) Tetrahydrofuran	5.17	42	453907	261.83	ug/l	99
30) Chloroform	5.22	83	329782	49.50	ug/l	100
31) Cyclohexane	5.57	56	285542	51.36	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	293880	51.05	ug/l	99
36) 1,1-Dichloropropene	5.81	75	249498	49.41	ug/l	99
37) Ethyl Acetate	4.87	43	269781	51.27	ug/l	100
38) Carbon Tetrachloride	5.79	117	266924	50.46	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	298138	50.53	ug/l	99
40) Benzene	6.15	78	747849	50.27	ug/l	100
41) Methacrylonitrile	5.07	41	154266	50.69	ug/l	99
42) 1,2-Dichloroethane	6.20	62	263739	49.02	ug/l	99
43) Isopropyl Acetate	6.48	43	434344	52.74	ug/l	99
44) Trichloroethene	7.22	130	231743	50.19	ug/l	97
45) 1,2-Dichloropropane	7.53	63	183568	50.28	ug/l	98
46) Dibromomethane	7.67	93	125949	49.13	ug/l	98
47) Bromodichloromethane	7.90	83	247392	52.01	ug/l	98
48) Methyl methacrylate	7.79	41	229108	52.85	ug/l	99
49) 1,4-Dioxane	7.76	88	92817	1111.97	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1396887	267.63	ug/l	100
52) Toluene	8.79	92	489460	51.20	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	301619	53.89	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	256454	51.98	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	179484	49.12	ug/l	98
56) Ethyl methacrylate	9.19	69	274789	53.03	ug/l	98
57) 1,3-Dichloropropane	9.38	76	297371	48.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	728821	273.41	ug/l	99
59) 2-Hexanone	9.51	43	976369	261.31	ug/l	99
60) Dibromochloromethane	9.59	129	198214	52.97	ug/l	99
61) 1,2-Dibromoethane	9.68	107	193171	50.49	ug/l	100
64) Tetrachloroethene	9.34	164	239136	48.41	ug/l	98
65) Chlorobenzene	10.15	112	514957	49.34	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	191079	51.83	ug/l	98
67) Ethyl Benzene	10.26	91	856383	51.34	ug/l	100
68) m/p-Xylenes	10.37	106	677491	102.94	ug/l	99
69) o-Xylene	10.71	106	330306	52.41	ug/l	99
70) Styrene	10.72	104	554302	53.32	ug/l	99
71) Bromoform	10.87	173	163420	47.77	ug/l #	100
73) Isopropylbenzene	11.02	105	878155	52.70	ug/l	100
74) N-amyl acetate	6.48	43	434344	54.38	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	256101	51.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	251368m	52.25	ug/l	
77) Bromobenzene	11.26	156	252524	51.58	ug/l	100
78) n-propylbenzene	11.37	91	983538	52.40	ug/l	100
79) 2-Chlorotoluene	11.43	91	580663	51.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	726283	53.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	76693	47.67	ug/l	98
82) 4-Chlorotoluene	11.52	91	683252	51.66	ug/l	100
83) tert-Butylbenzene	11.77	119	739015	54.33	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	754794	53.32	ug/l	100
85) sec-Butylbenzene	11.95	105	887111	52.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	818335	52.67	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	458351	50.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	467115	49.89	ug/l	100
89) n-Butylbenzene	12.40	91	698779	52.00	ug/l	100
90) Hexachloroethane	12.60	117	130311	54.00	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	454714	50.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58742	55.07	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	376401	52.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	191463	49.59	ug/l	99
95) Naphthalene	13.84	128	1026125	54.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	373680	51.61	ug/l	100

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

