

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001276.D
 Acq On : 01 May 2018 13:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX050118

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:54 PM

Quant Time: May 02 04:53:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	280375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144119	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.51	113	121414	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.72	98	458958	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.14	95	181804	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137203	55.68	ug/l	96
3) Chloromethane	1.32	50	133175	55.05	ug/l	98
4) Vinyl Chloride	1.40	62	128928	50.63	ug/l	99
5) Bromomethane	1.64	94	98430	51.90	ug/l	98
6) Chloroethane	1.72	64	76861	47.75	ug/l	100
7) Trichlorofluoromethane	1.93	101	217155	50.53	ug/l	99
8) Diethyl Ether	2.19	74	72323	49.01	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124444	50.22	ug/l	99
10) Methyl Iodide	2.51	142	120309	45.02	ug/l	100
11) Tert butyl alcohol	3.07	59	131641	248.15	ug/l	100
12) 1,1-Dichloroethene	2.37	96	108072	48.37	ug/l	97
13) Acrolein	2.30	56	74157	242.78	ug/l	98
14) Allyl chloride	2.73	41	198019	50.65	ug/l	99
15) Acrylonitrile	3.15	53	296336	241.01	ug/l	100
16) Acetone	2.45	43	325959	247.65	ug/l	100
17) Carbon Disulfide	2.57	76	289850	49.79	ug/l	99
18) Methyl Acetate	2.78	43	153843	49.49	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	373227	49.04	ug/l	99
20) Methylene Chloride	2.86	84	117936	49.65	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	116648	47.96	ug/l	100
22) Diisopropyl ether	3.88	45	369977	49.14	ug/l	98
23) Vinyl Acetate	3.83	43	1591736	249.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192908	46.00	ug/l	100
25) 2-Butanone	4.71	43	432340	242.94	ug/l	99
26) 2,2-Dichloropropane	4.59	77	172768	50.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	127070	47.54	ug/l	99
28) Bromochloromethane	5.03	49	98054	52.01	ug/l	100
29) Tetrahydrofuran	5.17	42	264127	241.32	ug/l	99
30) Chloroform	5.22	83	214436	48.37	ug/l	99
31) Cyclohexane	5.58	56	186692	49.29	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	194892	50.30	ug/l	99
36) 1,1-Dichloropropene	5.81	75	162494	50.22	ug/l	100
37) Ethyl Acetate	4.87	43	163964	50.18	ug/l	100
38) Carbon Tetrachloride	5.79	117	174782	51.56	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	203855	53.27	ug/l	99
40) Benzene	6.15	78	465159	49.97	ug/l	99
41) Methacrylonitrile	5.07	41	93183	48.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	177853	49.35	ug/l	100
43) Isopropyl Acetate	6.47	43	278496	52.65	ug/l	100
44) Trichloroethene	7.22	130	142693	50.08	ug/l	97
45) 1,2-Dichloropropane	7.53	63	117441	49.13	ug/l	99
46) Dibromomethane	7.67	93	83812	50.02	ug/l	99
47) Bromodichloromethane	7.90	83	159290	53.17	ug/l	99
48) Methyl methacrylate	7.78	41	145897	51.88	ug/l	99
49) 1,4-Dioxane	7.76	88	55311	1042.27	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	896417	262.85	ug/l	100
52) Toluene	8.79	92	311618	51.21	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	191650	53.79	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	183188	55.88	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	123934	50.42	ug/l	97
56) Ethyl methacrylate	9.19	69	186099	54.64	ug/l	99
57) 1,3-Dichloropropane	9.38	76	201102	50.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	435650	265.13	ug/l	100
59) 2-Hexanone	9.50	43	706518	265.06	ug/l	100
60) Dibromochloromethane	9.59	129	139938	54.58	ug/l	98
61) 1,2-Dibromoethane	9.68	107	133920	51.41	ug/l	99
64) Tetrachloroethene	9.34	164	153022	47.75	ug/l	97
65) Chlorobenzene	10.14	112	364986	49.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	135125	52.91	ug/l	100
67) Ethyl Benzene	10.26	91	620762	51.20	ug/l	98
68) m/p-Xylenes	10.37	106	499214	104.65	ug/l	99
69) o-Xylene	10.70	106	238820	51.62	ug/l	100
70) Styrene	10.71	104	399272	52.77	ug/l	100
71) Bromoform	10.86	173	117098	47.67	ug/l	99
73) Isopropylbenzene	11.02	105	654741	50.05	ug/l	100
74) N-amyl acetate	6.47	43	278496	49.63	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	193199	49.30	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	186009m	51.44	ug/l	
77) Bromobenzene	11.26	156	185197	49.08	ug/l	99
78) n-propylbenzene	11.37	91	753467	51.83	ug/l	100
79) 2-Chlorotoluene	11.43	91	442306	50.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	571971	52.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52345	47.35	ug/l	99
82) 4-Chlorotoluene	11.52	91	536912	50.89	ug/l	100
83) tert-Butylbenzene	11.77	119	561974	51.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	586702	52.12	ug/l	99
85) sec-Butylbenzene	11.95	105	687957	52.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	641266	53.34	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	348165	49.42	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	354783	48.85	ug/l	100
89) n-Butylbenzene	12.39	91	570596	54.38	ug/l	100
90) Hexachloroethane	12.60	117	95957	55.11	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	343676	49.02	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41969	52.99	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	281509	49.91	ug/l	99
94) Hexachlorobutadiene	13.79	225	150956	51.15	ug/l	100
95) Naphthalene	13.84	128	732050	51.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	276835	50.00	ug/l	99

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

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