

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000047.D
 Acq On : 09 Feb 2018 16:58
 Operator : JC/MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDIC075

Manual Integrations
 APPROVED

sam
 2/14/2018 5:30:23 PM

Quant Time: Feb 09 22:48:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 22:29:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	152413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	125917	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	108550	66.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.50%	
35) Dibromofluoromethane	5.52	113	101825	75.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.36%	
50) Toluene-d8	8.73	98	359609	71.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.30%	
62) 4-Bromofluorobenzene	11.15	95	148442	71.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96454	69.62	ug/l	97
3) Chloromethane	1.32	50	99263	69.03	ug/l	98
4) Vinyl Chloride	1.41	62	111860	69.15	ug/l	100
5) Bromomethane	1.64	94	59111	47.89	ug/l	100
6) Chloroethane	1.71	64	67269	70.35	ug/l	100
7) Trichlorofluoromethane	1.92	101	195678	69.87	ug/l	100
8) Diethyl Ether	2.20	74	69186	70.94	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	110047	70.50	ug/l	99
10) Methyl Iodide	2.51	142	146232	80.37	ug/l	99
11) Tert butyl alcohol	3.10	59	244916	347.37	ug/l	99
12) 1,1-Dichloroethene	2.37	96	102787	68.11	ug/l	96
13) Acrolein	2.30	56	124912	290.29	ug/l	99
14) Allyl chloride	2.73	41	177377	67.39	ug/l	99
15) Acrylonitrile	3.17	53	401219	352.24	ug/l	99
16) Acetone	2.46	43	336500	254.33	ug/l	98
17) Carbon Disulfide	2.57	76	308147	72.07	ug/l	100
18) Methyl Acetate	2.79	43	178416	69.55	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	362566	71.83	ug/l	99
20) Methylene Chloride	2.86	84	109789	68.76	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	112960	70.45	ug/l	98
22) Diisopropyl ether	3.89	45	300887	64.96	ug/l	99
23) Vinyl Acetate	3.84	43	1394981	348.67	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185350	67.95	ug/l	98
25) 2-Butanone	4.73	43	522674	320.05	ug/l	99
26) 2,2-Dichloropropane	4.59	77	164385	71.05	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	113132	72.32	ug/l	100
28) Bromochloromethane	5.04	49	58154	64.30	ug/l	98
29) Tetrahydrofuran	5.19	42	361681	356.90	ug/l	99
30) Chloroform	5.23	83	192806	73.67	ug/l	100
31) Cyclohexane	5.59	56	155262	72.37	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	181235	72.28	ug/l	99
36) 1,1-Dichloropropene	5.81	75	144819	75.78	ug/l	99
37) Ethyl Acetate	4.89	43	191766	72.56	ug/l	100
38) Carbon Tetrachloride	5.79	117	170492	84.62	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	180216	74.04	ug/l	100
40) Benzene	6.15	78	421571	75.21	ug/l	99
41) Methacrylonitrile	5.09	41	97631	70.91	ug/l	98
42) 1,2-Dichloroethane	6.21	62	149278	74.46	ug/l	100
43) Isopropyl Acetate	6.49	43	289377	74.42	ug/l	99
44) Trichloroethene	7.23	130	131625	74.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	102620	73.48	ug/l	97
46) Dibromomethane	7.67	93	80365	73.92	ug/l	98
47) Bromodichloromethane	7.91	83	155817	76.69	ug/l	98
48) Methyl methacrylate	7.79	41	140691	73.31	ug/l	100
49) 1,4-Dioxane	7.77	88	79974	1450.19	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1058612	381.07	ug/l	99
52) Toluene	8.79	92	287196	76.44	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	184633	77.89	ug/l	98
54) cis-1,3-Dichloropropene	9.06	75	184709	79.91	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	118406	75.26	ug/l	98
56) Ethyl methacrylate	9.20	69	191597	78.36	ug/l	99
57) 1,3-Dichloropropane	9.38	76	187166	74.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.33	63	448511	412.26	ug/l	100
59) 2-Hexanone	9.51	43	867406	364.83	ug/l	100
60) Dibromochloromethane	9.59	129	144875	81.55	ug/l	99
61) 1,2-Dibromoethane	9.68	107	135176	77.97	ug/l	98
64) Tetrachloroethene	9.34	164	125055	74.03	ug/l	97
65) Chlorobenzene	10.15	112	340559	75.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	127707	77.74	ug/l	99
67) Ethyl Benzene	10.26	91	565725	75.08	ug/l	99
68) m/p-Xylenes	10.37	106	453368	152.04	ug/l	100
69) o-Xylene	10.71	106	221715	76.52	ug/l	99
70) Styrene	10.72	104	375741	78.05	ug/l	100
71) Bromoform	10.87	173	128421	82.99	ug/l	99
73) Isopropylbenzene	11.03	105	593483	76.48	ug/l	100
74) N-amyl acetate	6.49	43	289377	74.62	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	203090	76.49	ug/l	99
76) 1,2,3-Trichloropropane	11.31	75	176029m	73.18	ug/l	
77) Bromobenzene	11.26	156	163140	78.90	ug/l	100
78) n-propylbenzene	11.37	91	688308	76.40	ug/l	100
79) 2-Chlorotoluene	11.43	91	396094	77.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	500203	76.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	77019	88.65	ug/l	98
82) 4-Chlorotoluene	11.52	91	475194	76.63	ug/l	100
83) tert-Butylbenzene	11.78	119	502178	76.04	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	514669	76.40	ug/l	98
85) sec-Butylbenzene	11.96	105	615609	75.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	554643	75.88	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	302395	75.35	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	306420	75.22	ug/l	100
89) n-Butylbenzene	12.40	91	513467	75.21	ug/l	100
90) Hexachloroethane	12.60	117	98476	83.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	292355	74.68	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57163	73.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	224028	74.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	108481	78.42	ug/l	99
95) Naphthalene	13.85	128	741975	73.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	220036	74.33	ug/l	99

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

