

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000043.D
 Acq On : 09 Feb 2018 15:08
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDICC001

Manual Integrations
 APPROVED

sam
 2/14/2018 5:29:23 PM

Quant Time: Feb 09 22:59:05 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	5.67	168	139925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	222674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	1756	1.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.36%	
35) Dibromofluoromethane	5.51	113	1280	0.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	1.98%	
50) Toluene-d8	8.73	98	5278	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	
62) 4-Bromofluorobenzene	11.15	95	2166	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1439	1.13	ug/l	91
3) Chloromethane	1.32	50	1472	1.11	ug/l	97
4) Vinyl Chloride	1.41	62	1591	1.07	ug/l	97
5) Bromomethane	1.65	94	918	0.81	ug/l #	77
6) Chloroethane	1.73	64	1047	1.19	ug/l #	85
7) Trichlorofluoromethane	1.94	101	2788	1.08	ug/l	90
8) Diethyl Ether	2.20	74	1038	1.16	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1612	1.12	ug/l #	95
12) 1,1-Dichloroethene	2.38	96	1584	1.14	ug/l	93
14) Allyl chloride	2.73	41	2924	1.21	ug/l #	87
15) Acrylonitrile	3.15	53	5724	5.47	ug/l	98
16) Acetone	2.45	43	5455	4.49	ug/l	97
17) Carbon Disulfide	2.57	76	4532	1.15	ug/l #	84
18) Methyl Acetate	2.78	43	2132	0.91	ug/l #	84
19) Methyl tert-butyl Ether	3.22	73	5159	1.11	ug/l	95
20) Methylene Chloride	2.87	84	1669	1.14	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	1707	1.16	ug/l #	83
22) Diisopropyl ether	3.89	45	4809	1.13	ug/l	92
23) Vinyl Acetate	3.83	43	18842	5.13	ug/l	98
24) 1,1-Dichloroethane	3.71	63	2700	1.08	ug/l #	95
25) 2-Butanone	4.72	43	7318	4.88	ug/l	95
26) 2,2-Dichloropropane	4.60	77	2304	1.08	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	1541	1.07	ug/l	96
28) Bromochloromethane	5.03	49	921	1.11	ug/l #	78
29) Tetrahydrofuran	5.18	42	4966	5.34	ug/l	99
30) Chloroform	5.23	83	2732	1.14	ug/l	90
31) Cyclohexane	5.59	56	2273	1.15	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	2514	1.09	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	2306	1.26	ug/l	92
37) Ethyl Acetate	4.87	43	3000	1.18	ug/l #	95
38) Carbon Tetrachloride	5.79	117	2292	1.19	ug/l	92
39) Methylcyclohexane	7.46	83	2534	1.09	ug/l	92
40) Benzene	6.15	78	5966	1.11	ug/l	94
41) Methacrylonitrile	5.09	41	1395m	1.06	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.21	62	2068	1.08	ug/l	94
43) Isopropyl Acetate	6.48	43	4221	1.13	ug/l	96
44) Trichloroethene	7.23	130	1834	1.08	ug/l	88
45) 1,2-Dichloropropane	7.52	63	1378	1.03	ug/l #	78
46) Dibromomethane	7.67	93	1055	1.01	ug/l	90
47) Bromodichloromethane	7.91	83	2017	1.04	ug/l	94
48) Methyl methacrylate	7.79	41	2199	1.20	ug/l	94
49) 1,4-Dioxane	7.77	88	931	17.61	ug/l #	80
51) 4-Methyl-2-Pentanone	8.66	43	13143	4.94	ug/l	99
52) Toluene	8.79	92	3823	1.06	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	2368	1.04	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	2191	0.99	ug/l #	88
55) 1,1,2-Trichloroethane	9.23	97	1695	1.12	ug/l	93
56) Ethyl methacrylate	9.19	69	2324	0.99	ug/l #	82
57) 1,3-Dichloropropane	9.38	76	2537	1.06	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	6001	5.75	ug/l	100
59) 2-Hexanone	9.51	43	10251	4.50	ug/l	97
60) Dibromochloromethane	9.59	129	1691	0.99	ug/l	98
61) 1,2-Dibromoethane	9.68	107	1682	1.01	ug/l	91
64) Tetrachloroethene	9.34	164	1586	1.00	ug/l	87
65) Chlorobenzene	10.15	112	4521	1.07	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	1484	0.96	ug/l #	65
67) Ethyl Benzene	10.26	91	7550	1.07	ug/l	95
68) m/p-Xylenes	10.37	106	5961	2.13	ug/l	99
69) o-Xylene	10.71	106	2718	1.00	ug/l	92
70) Styrene	10.72	104	4914	1.09	ug/l	99
71) Bromoform	10.87	173	1279	0.88	ug/l #	93
73) Isopropylbenzene	11.02	105	7856	1.10	ug/l	98
74) N-amyl acetate	6.48	43	4221	1.18	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.28	83	2665	1.09	ug/l	92
76) 1,2,3-Trichloropropane	11.30	75	2243m	1.01	ug/l	
77) Bromobenzene	11.26	156	2095	1.10	ug/l	97
78) n-propylbenzene	11.37	91	9036	1.09	ug/l	100
79) 2-Chlorotoluene	11.43	91	5328	1.13	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	6329	1.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	821	1.03	ug/l #	85
82) 4-Chlorotoluene	11.52	91	6392	1.12	ug/l	95
83) tert-Butylbenzene	11.78	119	6580	1.08	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	6467	1.04	ug/l	100
85) sec-Butylbenzene	11.96	105	8018	1.07	ug/l	98
86) p-Isopropyltoluene	12.07	119	7290	1.08	ug/l	93
87) 1,3-Dichlorobenzene	12.04	146	3981	1.08	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	4260m	1.14	ug/l	
89) n-Butylbenzene	12.40	91	7066	1.12	ug/l	98
90) Hexachloroethane	12.60	117	1297	1.20	ug/l	77
91) 1,2-Dichlorobenzene	12.40	146	3828	1.06	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	762	1.06	ug/l	93
93) 1,2,4-Trichlorobenzene	13.66	180	3061	1.10	ug/l	94
94) Hexachlorobutadiene	13.79	225	1389	1.09	ug/l	97
95) Naphthalene	13.85	128	9302	0.99	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.03	180	2786	1.02	ug/l	98

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

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