

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000709.D
 Acq On : 07 Apr 2018 11:13
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

sam
 4/9/2018 2:02:01 PM

Quant Time: Apr 07 16:51:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 16:39:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	393960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	547731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	501201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	5604	1.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.58%	
35) Dibromofluoromethane	5.51	113	3674	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
50) Toluene-d8	8.72	98	14873	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	
62) 4-Bromofluorobenzene	11.14	95	6405	1.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3828	1.083	ug/l	99
3) Chloromethane	1.32	50	4068	1.400	ug/l	98
4) Vinyl Chloride	1.40	62	3815	1.257	ug/l	97
5) Bromomethane	1.65	94	3338	1.989	ug/l	83
6) Chloroethane	1.73	64	2401	1.295	ug/l #	81
7) Trichlorofluoromethane	1.93	101	6309	1.270	ug/l	94
8) Diethyl Ether	2.19	74	2769	1.495	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.40	101	3538	1.215	ug/l	95
12) 1,1-Dichloroethene	2.37	96	3316	1.265	ug/l	92
14) Allyl chloride	2.73	41	6942	1.326	ug/l	99
15) Acrylonitrile	3.15	53	8673	5.344	ug/l	98
16) Acetone	2.45	43	8623	6.330	ug/l	91
17) Carbon Disulfide	2.57	76	9479	1.522	ug/l	100
18) Methyl Acetate	2.78	43	4317	0.996	ug/l	91
19) Methyl tert-butyl Ether	3.21	73	11279	1.114	ug/l	100
20) Methylene Chloride	2.86	84	7384	2.466	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	3376	1.202	ug/l	96
22) Diisopropyl ether	3.87	45	12345	1.146	ug/l #	97
23) Vinyl Acetate	3.83	43	47288	5.049	ug/l	100
24) 1,1-Dichloroethane	3.70	63	6448	1.150	ug/l	97
25) 2-Butanone	4.71	43	13646	5.437	ug/l	96
26) 2,2-Dichloropropane	4.60	77	6880	1.235	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	4394	1.218	ug/l	92
28) Bromochloromethane	5.03	49	3228	1.304	ug/l #	91
29) Tetrahydrofuran	5.18	42	8824	5.511	ug/l	94
30) Chloroform	5.22	83	7145	1.186	ug/l	98
31) Cyclohexane	5.59	56	6282	1.342	ug/l	86
32) 1,1,1-Trichloroethane	5.51	97	6768	1.179	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	5652	1.303	ug/l	96
37) Ethyl Acetate	4.86	43	6277	1.274	ug/l #	90
38) Carbon Tetrachloride	5.79	117	6255	1.188	ug/l	91
39) Methylcyclohexane	7.46	83	6901	1.384	ug/l	98
40) Benzene	6.15	78	14778	1.168	ug/l	99
41) Methacrylonitrile	5.06	41	3229	1.113	ug/l #	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5874	1.166	ug/l	98
43) Isopropyl Acetate	6.47	43	10145	1.173	ug/l	98
44) Trichloroethene	7.21	130	4404	1.132	ug/l	88
45) 1,2-Dichloropropane	7.52	63	3951	1.158	ug/l	89
46) Dibromomethane	7.67	93	2973	1.272	ug/l	89
47) Bromodichloromethane	7.91	83	5652	1.146	ug/l	95
48) Methyl methacrylate	7.78	41	4642	1.045	ug/l	89
49) 1,4-Dioxane	7.76	88	1842	20.469	ug/l #	51
51) 4-Methyl-2-Pentanone	8.66	43	26898	5.228	ug/l	98
52) Toluene	8.79	92	9894	1.171	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	6582	1.123	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	6492	1.101	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	3914	1.121	ug/l #	86
56) Ethyl methacrylate	9.19	69	6004	1.057	ug/l	91
57) 1,3-Dichloropropane	9.38	76	6420	1.143	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.32	63	15675	6.519	ug/l	96
59) 2-Hexanone	9.51	43	20090	5.078	ug/l	99
60) Dibromochloromethane	9.59	129	4807	1.095	ug/l	99
61) 1,2-Dibromoethane	9.68	107	4344	1.169	ug/l	97
64) Tetrachloroethene	9.34	164	4564	1.214	ug/l	96
65) Chlorobenzene	10.15	112	11642	1.174	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	4506	1.155	ug/l #	65
67) Ethyl Benzene	10.26	91	19749	1.187	ug/l	100
68) m/p-Xylenes	10.37	106	15153	2.329	ug/l	99
69) o-Xylene	10.70	106	7516	1.177	ug/l	93
70) Styrene	10.72	104	12302	1.127	ug/l	99
71) Bromoform	10.87	173	3761	0.983	ug/l #	97
73) Isopropylbenzene	11.02	105	19862	1.175	ug/l	100
74) N-amyl acetate	6.47	43	10145	1.220	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	5743	1.135	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	5620m	1.148	ug/l	
77) Bromobenzene	11.26	156	5269	1.088	ug/l	95
78) n-propylbenzene	11.37	91	23221	1.208	ug/l	99
79) 2-Chlorotoluene	11.43	91	14082	1.235	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	17445	1.199	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	2107	1.121	ug/l #	85
82) 4-Chlorotoluene	11.52	91	16431	1.191	ug/l	99
83) tert-Butylbenzene	11.77	119	17683	1.178	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	18079	1.199	ug/l	99
85) sec-Butylbenzene	11.95	105	20451	1.163	ug/l	100
86) p-Isopropyltoluene	12.07	119	19031	1.161	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	10238	1.138	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	10793m	1.178	ug/l	
89) n-Butylbenzene	12.40	91	17190	1.184	ug/l	100
90) Hexachloroethane	12.60	117	3414	1.138	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	9746	1.099	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1577	1.161	ug/l	87
93) 1,2,4-Trichlorobenzene	13.65	180	8400	1.128	ug/l	98
94) Hexachlorobutadiene	13.79	225	4190	1.147	ug/l	98
95) Naphthalene	13.84	128	21545	1.067	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.03	180	8097	1.112	ug/l	97

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

