

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000710.D
 Acq On : 07 Apr 2018 11:49
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 07 16:39:28 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	306129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	418489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224041	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	14525	4.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.62%	
35) Dibromofluoromethane	5.51	113	10212	3.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.48%	
50) Toluene-d8	8.72	98	39473	3.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.86%	
62) 4-Bromofluorobenzene	11.14	95	16862	4.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	7618	2.774	ug/l 97
3) Chloromethane	1.32	50	7672	3.397	ug/l 98
4) Vinyl Chloride	1.40	62	7665	3.249	ug/l 96
5) Bromomethane	1.64	94	6097	4.676	ug/l 96
6) Chloroethane	1.73	64	5026	3.489	ug/l 98
7) Trichlorofluoromethane	1.93	101	12174	3.152	ug/l 97
8) Diethyl Ether	2.19	74	4535	3.151	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7327	3.238	ug/l 97
10) Methyl Iodide	2.52	142	3540	1.433	ug/l # 82
11) Tert butyl alcohol	3.06	59	8757	13.892	ug/l # 91
12) 1,1-Dichloroethene	2.38	96	6787	3.333	ug/l 93
13) Acrolein	2.29	56	4789	19.663	ug/l 98
14) Allyl chloride	2.73	41	13349	3.281	ug/l 95
15) Acrylonitrile	3.15	53	17035	13.509	ug/l 99
16) Acetone	2.45	43	16181	15.286	ug/l 98
17) Carbon Disulfide	2.57	76	19438	4.016	ug/l 98
18) Methyl Acetate	2.78	43	8453	2.509	ug/l 98
19) Methyl tert-butyl Ether	3.21	73	22136	2.813	ug/l 95
20) Methylene Chloride	2.86	84	9643	4.145	ug/l 92
21) trans-1,2-Dichloroethene	3.17	96	7589	3.477	ug/l 92
22) Diisopropyl ether	3.87	45	22737	2.717	ug/l 98
23) Vinyl Acetate	3.83	43	96127	13.209	ug/l 98
24) 1,1-Dichloroethane	3.70	63	12206	2.801	ug/l 94
25) 2-Butanone	4.71	43	25992	13.327	ug/l 99
26) 2,2-Dichloropropane	4.59	77	13063	3.018	ug/l 99
27) cis-1,2-Dichloroethene	4.61	96	8101	2.889	ug/l 93
28) Bromochloromethane	5.03	49	9591	4.987	ug/l 95
29) Tetrahydrofuran	5.18	42	17607	14.152	ug/l 98
30) Chloroform	5.22	83	13715	2.929	ug/l 90
31) Cyclohexane	5.58	56	12565	3.454	ug/l 93
32) 1,1,1-Trichloroethane	5.49	97	13662	3.062	ug/l 99
36) 1,1-Dichloropropene	5.81	75	11192	3.376	ug/l 97
37) Ethyl Acetate	4.87	43	10164	2.701	ug/l # 90
38) Carbon Tetrachloride	5.79	117	12291	3.055	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.47	83	12795	3.358	ug/l	92
40) Benzene	6.15	78	29383	3.040	ug/l	99
41) Methacrylonitrile	5.07	41	5803	2.617	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	11707	3.042	ug/l	92
43) Isopropyl Acetate	6.47	43	19263	2.915	ug/l	99
44) Trichloroethene	7.22	130	9358	3.148	ug/l	95
45) 1,2-Dichloropropane	7.52	63	7917	3.038	ug/l	91
46) Dibromomethane	7.67	93	5167	2.893	ug/l	96
47) Bromodichloromethane	7.90	83	10637	2.822	ug/l	93
48) Methyl methacrylate	7.78	41	9401	2.771	ug/l	96
49) 1,4-Dioxane	7.76	88	3841	55.863	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	54477	13.858	ug/l	97
52) Toluene	8.79	92	19159	2.968	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	13063	2.918	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	13230	2.936	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	7417	2.779	ug/l	96
56) Ethyl methacrylate	9.19	69	12133	2.797	ug/l	93
57) 1,3-Dichloropropane	9.38	76	12306	2.869	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	14405	7.841	ug/l	98
59) 2-Hexanone	9.51	43	39996	13.232	ug/l	98
60) Dibromochloromethane	9.59	129	9471	2.824	ug/l	99
61) 1,2-Dibromoethane	9.68	107	8270	2.913	ug/l	98
64) Tetrachloroethene	9.34	164	8468	2.939	ug/l	99
65) Chlorobenzene	10.15	112	22549	2.967	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	8333	2.787	ug/l	95
67) Ethyl Benzene	10.26	91	39172	3.070	ug/l	99
68) m/p-Xylenes	10.37	106	30224	6.061	ug/l	98
69) o-Xylene	10.71	106	14499	2.961	ug/l	99
70) Styrene	10.72	104	24601	2.939	ug/l	98
71) Bromoform	10.87	173	7631	2.602	ug/l #	96
73) Isopropylbenzene	11.02	105	39834	3.049	ug/l	98
74) N-amyl acetate	6.47	43	19263	2.998	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	11018	2.819	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	14054	3.716	ug/l	80
77) Bromobenzene	11.26	156	10708	2.863	ug/l	95
78) n-propylbenzene	11.37	91	45368	3.056	ug/l	100
79) 2-Chlorotoluene	11.43	91	26051	2.956	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	33233	2.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	4148	2.856	ug/l	88
82) 4-Chlorotoluene	11.52	91	32212	3.023	ug/l	98
83) tert-Butylbenzene	11.77	119	34677	2.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	35010	3.006	ug/l	97
85) sec-Butylbenzene	11.95	105	41090	3.023	ug/l	98
86) p-Isopropyltoluene	12.07	119	37390	2.952	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	20488	2.947	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	20995	2.966	ug/l	90
89) n-Butylbenzene	12.40	91	33859	3.017	ug/l	99
90) Hexachloroethane	12.60	117	6605	2.850	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	19651	2.868	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3110	2.965	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	16504	2.870	ug/l	100
94) Hexachlorobutadiene	13.79	225	8157	2.891	ug/l	95
95) Naphthalene	13.84	128	42628	2.732	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	15907	2.828	ug/l	96

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

