

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040718\
 Data File : VX000716.D
 Acq On : 07 Apr 2018 15:22
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

sam
 4/9/2018 2:02:16 PM

Quant Time: Apr 07 16:54:41 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	321451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	435344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	239320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	17946	5.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.14%	
35) Dibromofluoromethane	5.51	113	13571	4.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.54%	
50) Toluene-d8	8.72	98	53385	5.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.22%	
62) 4-Bromofluorobenzene	11.14	95	22369	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	14094	4.888	ug/l 93
3) Chloromethane	1.32	50	14257	6.012	ug/l 100
4) Vinyl Chloride	1.40	62	14151	5.713	ug/l 94
5) Bromomethane	1.64	94	10187	7.440	ug/l 96
6) Chloroethane	1.72	64	8936	5.907	ug/l 99
7) Trichlorofluoromethane	1.93	101	23074	5.690	ug/l 100
8) Diethyl Ether	2.19	74	8248	5.457	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	13772	5.796	ug/l 99
10) Methyl Iodide	2.51	142	11254	4.339	ug/l 98
11) Tert butyl alcohol	3.07	59	16157	24.410	ug/l 96
12) 1,1-Dichloroethene	2.37	96	12232	5.720	ug/l 95
13) Acrolein	2.29	56	8003	31.292	ug/l 94
14) Allyl chloride	2.73	41	23866	5.587	ug/l 97
15) Acrylonitrile	3.15	53	32745	24.729	ug/l 98
16) Acetone	2.45	43	29707	26.727	ug/l 98
17) Carbon Disulfide	2.57	76	36672	7.215	ug/l 98
18) Methyl Acetate	2.78	43	16622	4.698	ug/l 100
19) Methyl tert-butyl Ether	3.21	73	42977	5.201	ug/l 99
20) Methylene Chloride	2.86	84	24049	9.844	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	13169	5.746	ug/l 98
22) Diisopropyl ether	3.87	45	44845	5.103	ug/l 99
23) Vinyl Acetate	3.83	43	198019	25.914	ug/l 98
24) 1,1-Dichloroethane	3.70	63	24871	5.436	ug/l 96
25) 2-Butanone	4.71	43	51239	25.020	ug/l 99
26) 2,2-Dichloropropane	4.59	77	24759	5.447	ug/l 95
27) cis-1,2-Dichloroethene	4.60	96	16587	5.633	ug/l 98
28) Bromochloromethane	5.03	49	11302	5.597	ug/l 98
29) Tetrahydrofuran	5.17	42	32282	24.710	ug/l 99
30) Chloroform	5.22	83	26120	5.312	ug/l 97
31) Cyclohexane	5.59	56	23801	6.231	ug/l 92
32) 1,1,1-Trichloroethane	5.50	97	25570	5.457	ug/l 99
36) 1,1-Dichloropropene	5.81	75	20932	6.070	ug/l 97
37) Ethyl Acetate	4.87	43	20517	5.241	ug/l 97
38) Carbon Tetrachloride	5.79	117	23537	5.623	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	25024	6.314	ug/l	96
40) Benzene	6.15	78	56279	5.597	ug/l	100
41) Methacrylonitrile	5.06	41	12412	5.381	ug/l	96
42) 1,2-Dichloroethane	6.20	62	22046	5.507	ug/l	97
43) Isopropyl Acetate	6.47	43	35642	5.184	ug/l	100
44) Trichloroethene	7.22	130	17210	5.564	ug/l	94
45) 1,2-Dichloropropane	7.52	63	14994	5.531	ug/l	97
46) Dibromomethane	7.67	93	10024	5.394	ug/l	97
47) Bromodichloromethane	7.90	83	20571	5.246	ug/l	99
48) Methyl methacrylate	7.79	41	18239	5.168	ug/l	98
49) 1,4-Dioxane	7.76	88	7445	104.087	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	103818	25.388	ug/l	98
52) Toluene	8.79	92	37759	5.622	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	25295	5.432	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	24525	5.232	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	14695	5.293	ug/l	99
56) Ethyl methacrylate	9.19	69	23079	5.114	ug/l	98
57) 1,3-Dichloropropane	9.38	76	24700	5.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	45529	23.822	ug/l	99
59) 2-Hexanone	9.51	43	79208	25.190	ug/l	100
60) Dibromochloromethane	9.59	129	17737	5.085	ug/l	100
61) 1,2-Dibromoethane	9.68	107	15748	5.332	ug/l	98
64) Tetrachloroethene	9.34	164	17047	5.692	ug/l	97
65) Chlorobenzene	10.15	112	43794	5.543	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	16463	5.297	ug/l	99
67) Ethyl Benzene	10.26	91	73500	5.541	ug/l	99
68) m/p-Xylenes	10.37	106	57722	11.133	ug/l	99
69) o-Xylene	10.70	106	27875	5.476	ug/l	98
70) Styrene	10.72	104	46372	5.329	ug/l	98
71) Bromoform	10.87	173	15209	4.988	ug/l #	100
73) Isopropylbenzene	11.02	105	75620	5.419	ug/l	100
74) N-amyl acetate	6.47	43	35642	5.194	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	21745	5.209	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	21155m	5.237	ug/l	
77) Bromobenzene	11.26	156	21463	5.372	ug/l	98
78) n-propylbenzene	11.37	91	86584	5.460	ug/l	98
79) 2-Chlorotoluene	11.43	91	51089	5.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	64801	5.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	7906	5.096	ug/l #	88
82) 4-Chlorotoluene	11.52	91	61566	5.409	ug/l	99
83) tert-Butylbenzene	11.77	119	65661	5.300	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	67050	5.390	ug/l	99
85) sec-Butylbenzene	11.95	105	78892	5.434	ug/l	99
86) p-Isopropyltoluene	12.07	119	73885	5.460	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	39760	5.354	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	40594	5.369	ug/l	93
89) n-Butylbenzene	12.40	91	66060	5.511	ug/l	100
90) Hexachloroethane	12.60	117	13016	5.258	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	38532	5.264	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	5560	4.962	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	33260	5.414	ug/l	99
94) Hexachlorobutadiene	13.79	225	16507	5.476	ug/l	99
95) Naphthalene	13.84	128	84965	5.097	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	31472	5.237	ug/l	99

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

