

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
 Data File : VX000101.D
 Acq On : 15 Feb 2018 18:07
 Operator : JC/MD
 Sample : VX0215WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0215WBSD01

Manual Integrations
 APPROVED

sam
 2/16/2018 4:51:11 PM

Quant Time: Feb 16 12:25:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	103040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	175521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98435	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	66271	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	5.51	113	54248	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.73	98	214036	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.15	95	82473	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	23509	22.16	ug/l	98
3) Chloromethane	1.32	50	21671	20.83	ug/l	94
4) Vinyl Chloride	1.40	62	26193	22.59	ug/l	99
5) Bromomethane	1.64	94	21713	22.33	ug/l	96
6) Chloroethane	1.73	64	16644	21.38	ug/l	97
7) Trichlorofluoromethane	1.93	101	45326	21.87	ug/l	99
8) Diethyl Ether	2.20	74	15928	22.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25018	21.59	ug/l	98
10) Methyl Iodide	2.52	142	24990	19.69	ug/l	99
11) Tert butyl alcohol	3.08	59	56275	113.49	ug/l	100
12) 1,1-Dichloroethene	2.38	96	22819	21.15	ug/l	95
13) Acrolein	2.30	56	18656	78.77	ug/l	99
14) Allyl chloride	2.73	41	40446	22.39	ug/l	98
15) Acrylonitrile	3.16	53	94462	111.55	ug/l	99
16) Acetone	2.45	43	96688	115.86	ug/l	98
17) Carbon Disulfide	2.57	76	62769	19.76	ug/l	97
18) Methyl Acetate	2.79	43	45405	23.20	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	82634	22.31	ug/l	99
20) Methylene Chloride	2.87	84	24984	22.60	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	24160	20.65	ug/l	92
22) Diisopropyl ether	3.88	45	74480	23.60	ug/l	95
23) Vinyl Acetate	3.84	43	359020	122.40	ug/l	98
24) 1,1-Dichloroethane	3.70	63	43719	23.38	ug/l	100
25) 2-Butanone	4.72	43	127468	109.41	ug/l	100
26) 2,2-Dichloropropane	4.59	77	32762	20.15	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	23448	21.04	ug/l	99
28) Bromochloromethane	5.03	49	18128	21.62	ug/l	94
29) Tetrahydrofuran	5.18	42	82194	108.34	ug/l	99
30) Chloroform	5.23	83	41822	21.25	ug/l	98
31) Cyclohexane	5.59	56	33761	21.00	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	37809	20.88	ug/l	99
36) 1,1-Dichloropropene	5.81	75	31720	20.14	ug/l	97
37) Ethyl Acetate	4.88	43	44437	20.53	ug/l	98
38) Carbon Tetrachloride	5.79	117	33943	19.95	ug/l	97

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39) Methylcyclohexane	7.47	83	37782	19.92	ug/l	98
40) Benzene	6.15	78	92007	20.44	ug/l	97
41) Methacrylonitrile	5.07	41	22534	21.40	ug/l	99
42) 1,2-Dichloroethane	6.21	62	35593	21.56	ug/l	98
43) Isopropyl Acetate	6.48	43	64849	20.78	ug/l	99
44) Trichloroethene	7.22	130	26725	20.16	ug/l	94
45) 1,2-Dichloropropane	7.53	63	23408	21.22	ug/l	97
46) Dibromomethane	7.67	93	18330	21.30	ug/l	97
47) Bromodichloromethane	7.91	83	33120	20.83	ug/l	99
48) Methyl methacrylate	7.79	41	31439	20.55	ug/l	99
49) 1,4-Dioxane	7.77	88	16431	409.66	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	244267	107.09	ug/l	97
52) Toluene	8.79	92	63020	20.96	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	38664	20.68	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	38277	20.62	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	25705	20.67	ug/l	97
56) Ethyl methacrylate	9.20	69	39965	20.95	ug/l	96
57) 1,3-Dichloropropane	9.38	76	42187	21.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	96033	99.58	ug/l	98
59) 2-Hexanone	9.51	43	203039	105.13	ug/l	99
60) Dibromochloromethane	9.59	129	28233	20.05	ug/l	94
61) 1,2-Dibromoethane	9.68	107	28887	20.94	ug/l	99
64) Tetrachloroethene	9.34	164	25268	20.31	ug/l	98
65) Chlorobenzene	10.15	112	72463	20.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	25912	20.53	ug/l	99
67) Ethyl Benzene	10.26	91	123044	20.32	ug/l	100
68) m/p-Xylenes	10.37	106	97676	40.73	ug/l	100
69) o-Xylene	10.71	106	46898	20.28	ug/l	96
70) Styrene	10.72	104	78724	20.82	ug/l	99
71) Bromoform	10.87	173	22716	19.81	ug/l #	99
73) Isopropylbenzene	11.02	105	127688	20.47	ug/l	98
74) N-amyl acetate	6.48	43	64849	20.58	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	44578	20.52	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	40861m	20.04	ug/l	
77) Bromobenzene	11.26	156	33044	19.54	ug/l	96
78) n-propylbenzene	11.37	91	148950	20.25	ug/l	99
79) 2-Chlorotoluene	11.43	91	86949	20.66	ug/l	98
80) 1,3,5-Trimethylbenzene	11.52	105	108571	20.58	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	13492	18.85	ug/l	93
82) 4-Chlorotoluene	11.52	91	104785	20.58	ug/l	96
83) tert-Butylbenzene	11.78	119	108845	20.44	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	112547	20.55	ug/l	100
85) sec-Butylbenzene	11.96	105	134528	20.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	120062	20.31	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	64806	19.98	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	66501	19.84	ug/l	98
89) n-Butylbenzene	12.40	91	112154	20.12	ug/l	99
90) Hexachloroethane	12.60	117	19357	20.12	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	64539	20.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13160	21.82	ug/l	93

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93) 1,2,4-Trichlorobenzene	13.65	180	46635	19.47	ug/l	97
94) Hexachlorobutadiene	13.79	225	19491	18.65	ug/l	99
95) Naphthalene	13.84	128	165298	20.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	44981	19.03	ug/l	98

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

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