

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
 Data File : VX000100.D
 Acq On : 15 Feb 2018 17:42
 Operator : JC/MD
 Sample : VX0215WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0215WBS01

Manual Integrations
 APPROVED

sam
 2/16/2018 4:51:06 PM

Quant Time: Feb 16 12:24:50 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	5.67	168	105102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	97124	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	65776	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
35) Dibromofluoromethane	5.51	113	52126	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
50) Toluene-d8	8.73	98	213761	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.15	95	84207	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	23054	21.30	ug/l	100
3) Chloromethane	1.32	50	22128	20.85	ug/l	97
4) Vinyl Chloride	1.40	62	25790	21.81	ug/l	99
5) Bromomethane	1.64	94	23085	23.38	ug/l	98
6) Chloroethane	1.73	64	15866	19.98	ug/l	99
7) Trichlorofluoromethane	1.93	101	44389	20.99	ug/l	100
8) Diethyl Ether	2.20	74	15165	20.79	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	24848	21.03	ug/l	97
10) Methyl Iodide	2.52	142	20883	16.13	ug/l	97
11) Tert butyl alcohol	3.06	59	52649	104.09	ug/l	99
12) 1,1-Dichloroethene	2.38	96	21962	19.95	ug/l	91
13) Acrolein	2.29	56	17122	70.87	ug/l	97
14) Allyl chloride	2.73	41	40402	21.93	ug/l	98
15) Acrylonitrile	3.15	53	90571	104.85	ug/l	99
16) Acetone	2.45	43	94310	110.79	ug/l	99
17) Carbon Disulfide	2.57	76	60233	18.59	ug/l	99
18) Methyl Acetate	2.78	43	42745	21.41	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	79092	20.93	ug/l	100
20) Methylene Chloride	2.86	84	23964	21.15	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	24076	20.18	ug/l	91
22) Diisopropyl ether	3.88	45	75130	23.34	ug/l	98
23) Vinyl Acetate	3.83	43	350430	117.13	ug/l	98
24) 1,1-Dichloroethane	3.71	63	42235	22.14	ug/l	98
25) 2-Butanone	4.71	43	126103	106.11	ug/l	100
26) 2,2-Dichloropropane	4.59	77	32662	19.70	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	22832	20.08	ug/l	99
28) Bromochloromethane	5.03	49	17636	20.62	ug/l	92
29) Tetrahydrofuran	5.18	42	81113	104.82	ug/l	98
30) Chloroform	5.22	83	40875	20.36	ug/l	97
31) Cyclohexane	5.58	56	33952	20.70	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	37293	20.19	ug/l	97
36) 1,1-Dichloropropene	5.81	75	32396	20.82	ug/l	96
37) Ethyl Acetate	4.87	43	43481	20.34	ug/l	97
38) Carbon Tetrachloride	5.79	117	32922	19.59	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	40527	21.63	ug/l	97
40) Benzene	6.15	78	90539	20.37	ug/l	100
41) Methacrylonitrile	5.07	41	22337	21.47	ug/l	97
42) 1,2-Dichloroethane	6.21	62	34631	21.23	ug/l	99
43) Isopropyl Acetate	6.48	43	65553	21.27	ug/l	98
44) Trichloroethene	7.22	130	26539	20.27	ug/l	97
45) 1,2-Dichloropropane	7.52	63	22991	21.10	ug/l	99
46) Dibromomethane	7.67	93	17848	20.99	ug/l	97
47) Bromodichloromethane	7.91	83	32830	20.91	ug/l	99
48) Methyl methacrylate	7.79	41	31397	20.78	ug/l	100
49) 1,4-Dioxane	7.77	88	16222	409.43	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	240340	106.66	ug/l	98
52) Toluene	8.79	92	62120	20.92	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	39449	21.36	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	38981	21.26	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	25723	20.94	ug/l	97
56) Ethyl methacrylate	9.19	69	40037	21.24	ug/l	95
57) 1,3-Dichloropropane	9.38	76	41778	21.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	97273	102.11	ug/l	97
59) 2-Hexanone	9.51	43	205821	107.88	ug/l	99
60) Dibromochloromethane	9.59	129	28148	20.23	ug/l	96
61) 1,2-Dibromoethane	9.68	107	28172	20.67	ug/l	99
64) Tetrachloroethene	9.34	164	25835	20.78	ug/l	92
65) Chlorobenzene	10.15	112	73448	20.37	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	26069	20.67	ug/l	98
67) Ethyl Benzene	10.26	91	125365	20.72	ug/l	100
68) m/p-Xylenes	10.37	106	99659	41.59	ug/l	99
69) o-Xylene	10.71	106	47295	20.46	ug/l	95
70) Styrene	10.72	104	79223	20.96	ug/l	99
71) Bromoform	10.87	173	22259	19.43	ug/l #	99
73) Isopropylbenzene	11.02	105	129646	21.06	ug/l	99
74) N-amyl acetate	6.48	43	65553	21.08	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	44208	20.62	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	40626m	20.19	ug/l	
77) Bromobenzene	11.26	156	32992	19.78	ug/l	94
78) n-propylbenzene	11.37	91	154109	21.24	ug/l	99
79) 2-Chlorotoluene	11.43	91	86004	20.71	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	110788	21.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13815	19.56	ug/l	94
82) 4-Chlorotoluene	11.52	91	104472	20.80	ug/l	97
83) tert-Butylbenzene	11.78	119	110200	20.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	114899	21.27	ug/l	99
85) sec-Butylbenzene	11.96	105	139767	21.42	ug/l	98
86) p-Isopropyltoluene	12.07	119	124807	21.40	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	65083	20.34	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	66695	20.17	ug/l	98
89) n-Butylbenzene	12.40	91	118966	21.63	ug/l	98
90) Hexachloroethane	12.60	117	19992	21.06	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	63665	20.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13204	22.19	ug/l	90

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93) 1,2,4-Trichlorobenzene	13.66	180	46953	19.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	20182	19.57	ug/l	100
95) Naphthalene	13.85	128	165476	20.65	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	45855	19.66	ug/l	99

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

