

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000436.D
 Acq On : 26 Mar 2018 13:05
 Operator : JC/MD
 Sample : VX0326WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Manual Integrations
 APPROVED

sam
 3/27/2018 5:23:55 PM

Quant Time: Mar 27 07:12:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	135272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124464	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	85562	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	5.51	113	67461	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.72	98	273733	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.15	95	102680	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	27544	18.48	ug/l	99
3) Chloromethane	1.32	50	24998	15.92	ug/l	95
4) Vinyl Chloride	1.40	62	33579	20.23	ug/l	95
5) Bromomethane	1.64	94	19404	9.80	ug/l	100
6) Chloroethane	1.73	64	21088	22.32	ug/l	90
7) Trichlorofluoromethane	1.93	101	60503	20.20	ug/l	98
8) Diethyl Ether	2.19	74	20778	19.41	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35465	21.23	ug/l	98
10) Methyl Iodide	2.51	142	10474	10.06	ug/l	97
11) Tert butyl alcohol	3.06	59	75470	124.25	ug/l	97
12) 1,1-Dichloroethene	2.38	96	29058	19.82	ug/l	99
13) Acrolein	2.29	56	15518	89.93	ug/l	99
14) Allyl chloride	2.73	41	56403	21.72	ug/l	97
15) Acrylonitrile	3.15	53	135626	110.25	ug/l	99
16) Acetone	2.44	43	176701	120.29	ug/l	98
17) Carbon Disulfide	2.57	76	75612	19.40	ug/l	98
18) Methyl Acetate	2.78	43	71355	23.17	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	110191	20.32	ug/l	98
20) Methylene Chloride	2.86	84	35002	20.63	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32972	20.16	ug/l	89
22) Diisopropyl ether	3.87	45	106301	23.19	ug/l	95
23) Vinyl Acetate	3.82	43	504724	116.16	ug/l	98
24) 1,1-Dichloroethane	3.70	63	61871	21.47	ug/l	99
25) 2-Butanone	4.71	43	189720	114.91	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42882	21.23	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	31165	20.39	ug/l	99
28) Bromochloromethane	5.03	49	23704	19.95	ug/l	97
29) Tetrahydrofuran	5.17	42	111511	109.77	ug/l	99
30) Chloroform	5.22	83	56436	20.90	ug/l	94
31) Cyclohexane	5.59	56	43913	19.71	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	49876	20.47	ug/l	98
36) 1,1-Dichloropropene	5.81	75	41094	20.45	ug/l	99
37) Ethyl Acetate	4.87	43	58622	21.35	ug/l	100
38) Carbon Tetrachloride	5.79	117	40899	19.40	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51030	20.88	ug/l	97
40) Benzene	6.15	78	120398	20.63	ug/l	99
41) Methacrylonitrile	5.06	41	30539	21.10	ug/l	98
42) 1,2-Dichloroethane	6.21	62	47539	20.76	ug/l	97
43) Isopropyl Acetate	6.47	43	86973	21.28	ug/l	99
44) Trichloroethene	7.22	130	35392	21.17	ug/l	99
45) 1,2-Dichloropropane	7.53	63	31899	21.35	ug/l	95
46) Dibromomethane	7.67	93	24122	20.57	ug/l	95
47) Bromodichloromethane	7.90	83	45279	21.95	ug/l	97
48) Methyl methacrylate	7.78	41	43789	22.07	ug/l	95
49) 1,4-Dioxane	7.76	88	19255	461.75	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	360980	114.13	ug/l	98
52) Toluene	8.79	92	85166	20.87	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	51854	21.69	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	50440	21.75	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	36084	21.51	ug/l	94
56) Ethyl methacrylate	9.19	69	52067	20.48	ug/l	98
57) 1,3-Dichloropropane	9.38	76	58113	21.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	119467	97.90	ug/l	99
59) 2-Hexanone	9.51	43	312410	116.32	ug/l	98
60) Dibromochloromethane	9.59	129	37468	21.43	ug/l	100
61) 1,2-Dibromoethane	9.68	107	38507	21.40	ug/l	100
64) Tetrachloroethene	9.34	164	35744	21.00	ug/l	98
65) Chlorobenzene	10.15	112	100296	20.55	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	35022	21.13	ug/l	99
67) Ethyl Benzene	10.26	91	175483	21.21	ug/l	99
68) m/p-Xylenes	10.37	106	134582	41.34	ug/l	96
69) o-Xylene	10.71	106	64229	20.38	ug/l	99
70) Styrene	10.72	104	104793	20.09	ug/l	99
71) Bromoform	10.87	173	28819	19.86	ug/l #	98
73) Isopropylbenzene	11.02	105	176075	21.35	ug/l	98
74) N-amyl acetate	6.47	43	86973	22.38	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65120	22.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	61595m	23.03	ug/l	
77) Bromobenzene	11.26	156	44412	20.22	ug/l	99
78) n-propylbenzene	11.37	91	211467	21.51	ug/l	100
79) 2-Chlorotoluene	11.43	91	120645	21.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148521	21.42	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	17242	20.87	ug/l	92
82) 4-Chlorotoluene	11.52	91	143508	21.16	ug/l	99
83) tert-Butylbenzene	11.78	119	153462	21.94	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	153583	21.13	ug/l	99
85) sec-Butylbenzene	11.95	105	188354	21.77	ug/l	99
86) p-Isopropyltoluene	12.07	119	165413	21.52	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	84869	20.43	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	87026	19.96	ug/l	97
89) n-Butylbenzene	12.40	91	155811	21.78	ug/l	99
90) Hexachloroethane	12.60	117	26017	21.51	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	86702	21.29	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18323	22.52	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61917	21.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	28050	23.20	ug/l	99
95) Naphthalene	13.84	128	222149	21.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	63531	22.02	ug/l	99

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

