

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000572.D
 Acq On : 30 Mar 2018 20:30
 Operator : JC/MD
 Sample : VX0330WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

Manual Integrations
 APPROVED

sam
 4/4/2018 6:11:31 PM

Quant Time: Apr 04 11:21:25 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	5.68	168	164550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	278902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	110998	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	85572	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	8.73	98	364194	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.15	95	141627	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28319	15.62	ug/l	95
3) Chloromethane	1.32	50	30412	15.92	ug/l	97
4) Vinyl Chloride	1.41	62	42777	21.19	ug/l	95
5) Bromomethane	1.64	94	39490	16.37	ug/l	94
6) Chloroethane	1.73	64	30361	26.56	ug/l	93
7) Trichlorofluoromethane	1.93	101	84306	23.14	ug/l	99
8) Diethyl Ether	2.20	74	31412	24.12	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47023	23.14	ug/l	94
10) Methyl Iodide	2.52	142	65415	33.99	ug/l	97
11) Tert butyl alcohol	3.08	59	92713	125.48	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45023	25.24	ug/l	88
13) Acrolein	2.30	56	55369	235.60	ug/l	97
14) Allyl chloride	2.73	41	70488	22.32	ug/l	97
15) Acrylonitrile	3.16	53	173439	115.90	ug/l	99
16) Acetone	2.45	43	192263	107.60	ug/l	97
17) Carbon Disulfide	2.57	76	108733	22.93	ug/l	97
18) Methyl Acetate	2.79	43	84923	22.67	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	155027	23.50	ug/l	96
20) Methylene Chloride	2.86	84	51714	25.06	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	47732	23.99	ug/l	98
22) Diisopropyl ether	3.88	45	93881	16.84	ug/l	94
23) Vinyl Acetate	3.84	43	441742	83.57	ug/l	100
24) 1,1-Dichloroethane	3.70	63	50455	14.39	ug/l	98
25) 2-Butanone	4.72	43	195149	97.17	ug/l	99
26) 2,2-Dichloropropane	4.59	77	44799	18.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	35678	19.19	ug/l	98
28) Bromochloromethane	5.03	49	28286	19.57	ug/l	99
29) Tetrahydrofuran	5.18	42	122148	98.85	ug/l	100
30) Chloroform	5.23	83	63122	19.21	ug/l	100
31) Cyclohexane	5.58	56	51244	18.91	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	55758	18.81	ug/l	98
36) 1,1-Dichloropropene	5.81	75	47766	18.28	ug/l	99
37) Ethyl Acetate	4.88	43	65410	18.33	ug/l	99
38) Carbon Tetrachloride	5.79	117	46470	16.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	55881	17.59	ug/l	94
40) Benzene	6.15	78	139263	18.36	ug/l	98
41) Methacrylonitrile	5.08	41	33793	17.96	ug/l	97
42) 1,2-Dichloroethane	6.21	62	55611	18.68	ug/l	99
43) Isopropyl Acetate	6.48	43	97179	18.29	ug/l	98
44) Trichloroethene	7.22	130	40659	18.71	ug/l	96
45) 1,2-Dichloropropane	7.52	63	36536	18.81	ug/l	100
46) Dibromomethane	7.67	93	28202	18.50	ug/l	98
47) Bromodichloromethane	7.91	83	50317	18.76	ug/l	99
48) Methyl methacrylate	7.79	41	48826	18.93	ug/l	98
49) 1,4-Dioxane	7.77	88	22836	421.26	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	381614	92.81	ug/l	100
52) Toluene	8.79	92	102221	19.27	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	59181	19.04	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	56145	18.62	ug/l	95
55) 1,1,2-Trichloroethane	9.23	97	40765	18.69	ug/l	95
56) Ethyl methacrylate	9.19	69	63122	19.10	ug/l	96
57) 1,3-Dichloropropane	9.38	76	68568	19.65	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	158566	99.96	ug/l	98
59) 2-Hexanone	9.51	43	331473	94.94	ug/l	100
60) Dibromochloromethane	9.59	129	42006	19.05	ug/l	100
61) 1,2-Dibromoethane	9.68	107	47046	20.11	ug/l	96
64) Tetrachloroethene	9.34	164	42229	18.20	ug/l	98
65) Chlorobenzene	10.15	112	120284	18.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	40749	18.04	ug/l	98
67) Ethyl Benzene	10.26	91	204495	18.13	ug/l	99
68) m/p-Xylenes	10.37	106	160804	36.24	ug/l	99
69) o-Xylene	10.71	106	76870	17.89	ug/l	98
70) Styrene	10.72	104	129878	18.27	ug/l	98
71) Bromoform	10.87	173	32183	17.14	ug/l #	95
73) Isopropylbenzene	11.02	105	212786	18.10	ug/l	100
74) N-amyl acetate	6.48	43	97179	16.77	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	75351	18.12	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	76556m	20.07	ug/l	
77) Bromobenzene	11.26	156	54025	17.25	ug/l	97
78) n-propylbenzene	11.37	91	249071	17.77	ug/l	100
79) 2-Chlorotoluene	11.43	91	143424	17.71	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	179224	18.13	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18943	16.08	ug/l	95
82) 4-Chlorotoluene	11.52	91	174165	18.01	ug/l	98
83) tert-Butylbenzene	11.78	119	180408	18.09	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	187835	18.12	ug/l	100
85) sec-Butylbenzene	11.95	105	220522	17.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	201780	18.42	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	106591	18.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	111930	18.00	ug/l	97
89) n-Butylbenzene	12.40	91	185272	18.16	ug/l	100
90) Hexachloroethane	12.60	117	24346	14.12	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	108087	18.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20327	17.53	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	76230	18.31	ug/l	99
94) Hexachlorobutadiene	13.79	225	28819	16.72	ug/l	96
95) Naphthalene	13.84	128	274868	18.96	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	76214	18.53	ug/l	98

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

