

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000509.D
 Acq On : 29 Mar 2018 13:50
 Operator : JC/MD
 Sample : VX0329WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

Manual Integrations
 APPROVED

sam
 3/30/2018 4:10:21 PM

Quant Time: Mar 29 15:09:27 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	125796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	220635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	82604	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	5.51	113	65686	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	8.73	98	272507	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.15	95	106771	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27781	20.04	ug/l	94
3) Chloromethane	1.32	50	26359	18.05	ug/l	99
4) Vinyl Chloride	1.40	62	31422	20.36	ug/l	95
5) Bromomethane	1.64	94	29575	16.04	ug/l	99
6) Chloroethane	1.73	64	20457	23.33	ug/l	96
7) Trichlorofluoromethane	1.93	101	56245	20.19	ug/l	100
8) Diethyl Ether	2.19	74	21174	21.27	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31913	20.55	ug/l	96
10) Methyl Iodide	2.51	142	18200	15.09	ug/l	98
11) Tert butyl alcohol	3.07	59	61400	108.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27001	19.80	ug/l	98
13) Acrolein	2.30	56	13826	86.77	ug/l	98
14) Allyl chloride	2.73	41	52604	21.79	ug/l	98
15) Acrylonitrile	3.15	53	122314	106.92	ug/l	98
16) Acetone	2.45	43	148679	108.84	ug/l	97
17) Carbon Disulfide	2.57	76	68509	18.90	ug/l	99
18) Methyl Acetate	2.78	43	65637	22.92	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	109956	21.80	ug/l	98
20) Methylene Chloride	2.86	84	34070	21.59	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	30647	20.15	ug/l	96
22) Diisopropyl ether	3.88	45	93243	21.88	ug/l	94
23) Vinyl Acetate	3.83	43	474230	117.36	ug/l	97
24) 1,1-Dichloroethane	3.70	63	58906	21.98	ug/l	98
25) 2-Butanone	4.71	43	152180	99.11	ug/l	99
26) 2,2-Dichloropropane	4.59	77	36092	19.22	ug/l	96
27) cis-1,2-Dichloroethene	4.61	96	27586	19.41	ug/l	99
28) Bromochloromethane	5.03	49	20936	18.95	ug/l	98
29) Tetrahydrofuran	5.18	42	95525	101.12	ug/l	99
30) Chloroform	5.23	83	51943	20.68	ug/l	95
31) Cyclohexane	5.58	56	40067	19.34	ug/l	93
32) 1,1,1-Trichloroethane	5.51	97	44873	19.80	ug/l	96
36) 1,1-Dichloropropene	5.81	75	37254	19.62	ug/l	98
37) Ethyl Acetate	4.87	43	52290	20.16	ug/l	99
38) Carbon Tetrachloride	5.79	117	38892	19.52	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	48562	21.03	ug/l	97
40) Benzene	6.15	78	113679	20.62	ug/l	98
41) Methacrylonitrile	5.08	41	27641	20.21	ug/l	99
42) 1,2-Dichloroethane	6.21	62	46161	21.34	ug/l	97
43) Isopropyl Acetate	6.48	43	79818	20.67	ug/l	99
44) Trichloroethene	7.22	130	32686	20.69	ug/l	95
45) 1,2-Dichloropropane	7.52	63	31917	22.61	ug/l	91
46) Dibromomethane	7.67	93	23644	21.34	ug/l	96
47) Bromodichloromethane	7.90	83	42698	21.91	ug/l	97
48) Methyl methacrylate	7.79	41	41400	22.09	ug/l	97
49) 1,4-Dioxane	7.77	88	16532	419.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	331040	110.78	ug/l	98
52) Toluene	8.79	92	80463	20.87	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	50314	22.28	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	48274	22.03	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	35855	22.62	ug/l	96
56) Ethyl methacrylate	9.19	69	50393	20.98	ug/l	98
57) 1,3-Dichloropropane	9.38	76	58979	23.26	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	111437	96.66	ug/l	99
59) 2-Hexanone	9.51	43	276250	108.87	ug/l	98
60) Dibromochloromethane	9.59	129	36109	21.78	ug/l	99
61) 1,2-Dibromoethane	9.68	107	37915	22.30	ug/l	100
64) Tetrachloroethene	9.34	164	35189	20.55	ug/l	95
65) Chlorobenzene	10.15	112	96104	19.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	34338	20.59	ug/l	99
67) Ethyl Benzene	10.26	91	167160	20.08	ug/l	99
68) m/p-Xylenes	10.37	106	130470	39.83	ug/l	99
69) o-Xylene	10.71	106	63861	20.14	ug/l	99
70) Styrene	10.72	104	103987	19.82	ug/l	99
71) Bromoform	10.87	173	28092	19.39	ug/l #	96
73) Isopropylbenzene	11.02	105	172743	20.87	ug/l	98
74) N-amyl acetate	6.48	43	79818	20.16	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	64080	21.89	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	57705m	21.49	ug/l	
77) Bromobenzene	11.26	156	43063	19.53	ug/l	100
78) n-propylbenzene	11.37	91	204893	20.76	ug/l	100
79) 2-Chlorotoluene	11.43	91	114833	20.14	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	143021	20.55	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	15600	18.81	ug/l	88
82) 4-Chlorotoluene	11.52	91	140773	20.68	ug/l	100
83) tert-Butylbenzene	11.78	119	139454	19.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	148790	20.39	ug/l	97
85) sec-Butylbenzene	11.96	105	179426	20.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	158059	20.49	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	82903	19.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84967	19.41	ug/l	95
89) n-Butylbenzene	12.40	91	153249	21.34	ug/l	99
90) Hexachloroethane	12.60	117	25043	20.63	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	84052	20.56	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16518	20.23	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62560	21.35	ug/l	99
94) Hexachlorobutadiene	13.79	225	27879	22.98	ug/l	96
95) Naphthalene	13.84	128	213870	20.95	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	63498	21.93	ug/l	98

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

