

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001052.D
 Acq On : 23 Apr 2018 12:29
 Operator : JC/MD
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Manual Integrations
 APPROVED

sam
 4/24/2018 6:07:41 PM

Quant Time: Apr 24 07:19:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	139602	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	5.51	113	113814	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.72	98	410827	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	170967	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59146	21.03	ug/l	98
3) Chloromethane	1.32	50	50138	19.15	ug/l	99
4) Vinyl Chloride	1.41	62	53180	19.60	ug/l	99
5) Bromomethane	1.65	94	35289	20.33	ug/l	99
6) Chloroethane	1.73	64	31906	19.79	ug/l	100
7) Trichlorofluoromethane	1.93	101	81529	20.00	ug/l	98
8) Diethyl Ether	2.19	74	29482	19.58	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46686	19.54	ug/l	99
10) Methyl Iodide	2.51	142	28759	17.95	ug/l	99
11) Tert butyl alcohol	3.07	59	46660	107.65	ug/l	97
12) 1,1-Dichloroethene	2.38	96	44550	20.17	ug/l	94
13) Acrolein	2.30	56	19279	147.46	ug/l	100
14) Allyl chloride	2.73	41	79872	19.98	ug/l	99
15) Acrylonitrile	3.15	53	115305	98.30	ug/l	99
16) Acetone	2.45	43	117243	108.34	ug/l	99
17) Carbon Disulfide	2.57	76	113753	18.07	ug/l	99
18) Methyl Acetate	2.78	43	71118	21.72	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	148399	19.98	ug/l	99
20) Methylene Chloride	2.86	84	47869	20.07	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	46894	19.07	ug/l	98
22) Diisopropyl ether	3.88	45	154661	19.99	ug/l	99
23) Vinyl Acetate	3.83	43	633126	98.82	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85007	19.58	ug/l	99
25) 2-Butanone	4.71	43	172007	101.82	ug/l	99
26) 2,2-Dichloropropane	4.59	77	75344	20.18	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	54270	19.81	ug/l	99
28) Bromochloromethane	5.03	49	35008	20.97	ug/l	97
29) Tetrahydrofuran	5.17	42	105179	98.52	ug/l	100
30) Chloroform	5.23	83	89050	19.81	ug/l	96
31) Cyclohexane	5.59	56	77612	19.16	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	80566	19.99	ug/l	98
36) 1,1-Dichloropropene	5.81	75	67508	18.63	ug/l	99
37) Ethyl Acetate	4.87	43	64896	19.52	ug/l	100
38) Carbon Tetrachloride	5.79	117	70559	19.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79275	18.79	ug/l	97
40) Benzene	6.15	78	193663	19.22	ug/l	100
41) Methacrylonitrile	5.07	41	39272	18.92	ug/l	100
42) 1,2-Dichloroethane	6.21	62	76127	19.68	ug/l	99
43) Isopropyl Acetate	6.47	43	111049	19.47	ug/l	99
44) Trichloroethene	7.22	130	58703	19.07	ug/l	99
45) 1,2-Dichloropropane	7.52	63	50522	19.94	ug/l	99
46) Dibromomethane	7.67	93	34383	19.42	ug/l	100
47) Bromodichloromethane	7.90	83	64931	19.80	ug/l	98
48) Methyl methacrylate	7.79	41	59343	19.32	ug/l	98
49) 1,4-Dioxane	7.76	88	19677	435.67	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	347944	100.47	ug/l	99
52) Toluene	8.79	92	128396	19.52	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	77535	19.77	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74298	20.09	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	50478	19.31	ug/l	97
56) Ethyl methacrylate	9.19	69	74965	19.52	ug/l	99
57) 1,3-Dichloropropane	9.38	76	83465	19.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	182522	97.40	ug/l	99
59) 2-Hexanone	9.50	43	270442	102.02	ug/l	98
60) Dibromochloromethane	9.59	129	54026	19.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	54215	19.65	ug/l	99
64) Tetrachloroethene	9.34	164	60636	19.39	ug/l	98
65) Chlorobenzene	10.15	112	150405	19.18	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	53298	19.81	ug/l	99
67) Ethyl Benzene	10.26	91	251067	19.28	ug/l	99
68) m/p-Xylenes	10.37	106	195620	38.12	ug/l	97
69) o-Xylene	10.71	106	95117	19.23	ug/l	98
70) Styrene	10.72	104	156585	19.22	ug/l	99
71) Bromoform	10.86	173	42507	18.77	ug/l	99
73) Isopropylbenzene	11.02	105	260361	19.46	ug/l	99
74) N-amyl acetate	6.47	43	111049	19.40	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74132	19.57	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	71247m	20.06	ug/l	
77) Bromobenzene	11.26	156	73890	19.02	ug/l	98
78) n-propylbenzene	11.37	91	297909	19.39	ug/l	98
79) 2-Chlorotoluene	11.43	91	175981	19.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	219849	19.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18172	17.93	ug/l	92
82) 4-Chlorotoluene	11.52	91	210476	19.19	ug/l	99
83) tert-Butylbenzene	11.77	119	222939	19.48	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	226218	19.38	ug/l	100
85) sec-Butylbenzene	11.95	105	262070	19.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	244019	19.31	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	139407	19.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	140376	18.81	ug/l	99
89) n-Butylbenzene	12.39	91	214836	19.11	ug/l	100
90) Hexachloroethane	12.60	117	34683	19.37	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	135900	19.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15901	20.04	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109736	18.57	ug/l	99
94) Hexachlorobutadiene	13.79	225	46299	17.32	ug/l	99
95) Naphthalene	13.84	128	283662	19.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107809	18.86	ug/l	99

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

