

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002217.D
 Acq On : 01 Jun 2018 17:35
 Operator : JC/MD
 Sample : VX0601WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:32 PM

Quant Time: Jun 02 03:38:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	197952	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.51	113	147956	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.72	98	569059	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.14	95	217042	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43429	14.236	ug/l	99
3) Chloromethane	1.32	50	58288	17.129	ug/l	98
4) Vinyl Chloride	1.40	62	60040	18.273	ug/l	99
5) Bromomethane	1.64	94	37904	24.573	ug/l	98
6) Chloroethane	1.72	64	41111	21.225	ug/l	97
7) Trichlorofluoromethane	1.93	101	102405	20.754	ug/l	99
8) Diethyl Ether	2.19	74	41284	23.060	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59973	21.781	ug/l	98
10) Methyl Iodide	2.51	142	68583	18.409	ug/l	97
11) Tert butyl alcohol	3.07	59	87562	112.835	ug/l	98
12) 1,1-Dichloroethene	2.37	96	51883	20.126	ug/l	90
13) Acrolein	2.29	56	23655	70.502	ug/l	99
14) Allyl chloride	2.73	41	115121	21.275	ug/l	97
15) Acrylonitrile	3.15	53	183895	115.238	ug/l	99
16) Acetone	2.45	43	193609	126.896	ug/l	99
17) Carbon Disulfide	2.57	76	112480	15.161	ug/l	98
18) Methyl Acetate	2.78	43	94357	25.106	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	221794	22.875	ug/l	99
20) Methylene Chloride	2.86	84	64766	23.637	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	57746	22.128	ug/l	98
22) Diisopropyl ether	3.87	45	231061	20.993	ug/l	96
23) Vinyl Acetate	3.82	43	1012922	110.995	ug/l	98
24) 1,1-Dichloroethane	3.70	63	118833	22.728	ug/l	99
25) 2-Butanone	4.71	43	254972	91.179	ug/l	99
26) 2,2-Dichloropropane	4.58	77	85035	16.068	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	62019	18.450	ug/l	99
28) Bromochloromethane	5.02	49	62570	27.562	ug/l	100
29) Tetrahydrofuran	5.17	42	161359	88.689	ug/l	99
30) Chloroform	5.22	83	110137	18.697	ug/l	97
31) Cyclohexane	5.57	56	89236	16.381	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	91756	16.708	ug/l	98
36) 1,1-Dichloropropene	5.80	75	73495	17.087	ug/l	99
37) Ethyl Acetate	4.87	43	98162	17.505	ug/l	99
38) Carbon Tetrachloride	5.79	117	75877	15.128	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94615	17.905	ug/l	98
40) Benzene	6.15	78	233191	18.505	ug/l	100
41) Methacrylonitrile	5.07	41	55850	18.002	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96019	19.076	ug/l	99
43) Isopropyl Acetate	6.47	43	163936	17.545	ug/l	100
44) Trichloroethene	7.21	130	65562	17.854	ug/l	96
45) 1,2-Dichloropropane	7.52	63	64791	18.933	ug/l	98
46) Dibromomethane	7.67	93	42778	18.880	ug/l	98
47) Bromodichloromethane	7.90	83	75987	15.729	ug/l	98
48) Methyl methacrylate	7.78	41	83425	17.543	ug/l	98
49) 1,4-Dioxane	7.76	88	30401	362.780	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	531011	94.277	ug/l	99
52) Toluene	8.79	92	153899	19.190	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	93850	16.867	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	87365	16.113	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	64194	19.161	ug/l	99
56) Ethyl methacrylate	9.18	69	99680	17.298	ug/l	99
57) 1,3-Dichloropropane	9.38	76	106929	19.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	238408	93.344	ug/l	99
59) 2-Hexanone	9.50	43	407907	93.923	ug/l	99
60) Dibromochloromethane	9.59	129	61212	15.426	ug/l	100
61) 1,2-Dibromoethane	9.68	107	66178	18.825	ug/l	99
64) Tetrachloroethene	9.34	164	74887	17.862	ug/l	98
65) Chlorobenzene	10.14	112	173191	18.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	62351	16.667	ug/l	99
67) Ethyl Benzene	10.26	91	297452	18.480	ug/l	99
68) m/p-Xylenes	10.36	106	227806	37.024	ug/l	99
69) o-Xylene	10.70	106	114627	18.658	ug/l	99
70) Styrene	10.72	104	186240	18.279	ug/l	99
71) Bromoform	10.86	173	44274	12.481	ug/l #	98
73) Isopropylbenzene	11.02	105	302580	18.246	ug/l	100
74) N-amyl acetate	6.47	43	163936	16.973	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	92293	19.578	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96196m	20.451	ug/l	
77) Bromobenzene	11.26	156	83553	18.990	ug/l	96
78) n-propylbenzene	11.37	91	341974	18.412	ug/l	100
79) 2-Chlorotoluene	11.43	91	205627	18.741	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	256207	18.079	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23934	12.229	ug/l #	81
82) 4-Chlorotoluene	11.51	91	243279	18.571	ug/l	100
83) tert-Butylbenzene	11.77	119	253194	18.206	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	269882	18.428	ug/l	99
85) sec-Butylbenzene	11.95	105	304826	18.234	ug/l	100
86) p-Isopropyltoluene	12.07	119	275967	18.448	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	146832	18.635	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	151039	19.173	ug/l	100
89) n-Butylbenzene	12.39	91	232552	18.346	ug/l	99
90) Hexachloroethane	12.60	117	38471	13.038	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	155407	19.358	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20478	13.889	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108863	18.963	ug/l	99
94) Hexachlorobutadiene	13.79	225	56991	18.455	ug/l	99
95) Naphthalene	13.84	128	324966	18.373	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113390	19.089	ug/l	98

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

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