

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001558.D
 Acq On : 09 May 2018 16:39
 Operator : JC/MD
 Sample : VX0509WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:51:58 PM

Quant Time: May 10 04:45:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215412	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	183304	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.84%		
35) Dibromofluoromethane	5.51	113	147427	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.64%		
50) Toluene-d8	8.72	98	526126	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.34%		
62) 4-Bromofluorobenzene	11.14	95	197435	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.10%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	72571	21.52	ug/l	98
3) Chloromethane	1.32	50	67523	20.56	ug/l	99
4) Vinyl Chloride	1.40	62	72445	21.14	ug/l	100
5) Bromomethane	1.64	94	43268	25.92	ug/l	99
6) Chloroethane	1.72	64	47423	20.93	ug/l	95
7) Trichlorofluoromethane	1.93	101	113327	21.97	ug/l	100
8) Diethyl Ether	2.19	74	43348	21.44	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66038	21.84	ug/l	98
10) Methyl Iodide	2.51	142	84432	19.35	ug/l	99
11) Tert butyl alcohol	3.09	59	81676	107.60	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60302	21.76	ug/l	98
13) Acrolein	2.30	56	13934	85.44	ug/l	100
14) Allyl chloride	2.73	41	112837	21.83	ug/l	99
15) Acrylonitrile	3.15	53	188780	110.06	ug/l	100
16) Acetone	2.45	43	202845	124.08	ug/l	97
17) Carbon Disulfide	2.57	76	135269	19.18	ug/l	100
18) Methyl Acetate	2.78	43	104001	24.21	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	214326	22.21	ug/l	97
20) Methylene Chloride	2.86	84	68906	21.29	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	63728	20.60	ug/l	97
22) Diisopropyl ether	3.88	45	205865	21.32	ug/l	98
23) Vinyl Acetate	3.83	43	854551	106.20	ug/l	99
24) 1,1-Dichloroethane	3.70	63	121285	22.49	ug/l	98
25) 2-Butanone	4.72	43	267865	113.36	ug/l	99
26) 2,2-Dichloropropane	4.59	77	92706	22.26	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	70991	21.55	ug/l	99
28) Bromochloromethane	5.02	49	56173	24.02	ug/l	98
29) Tetrahydrofuran	5.18	42	161602	106.88	ug/l	100
30) Chloroform	5.22	83	123467	22.22	ug/l	98
31) Cyclohexane	5.57	56	96469	20.82	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	108894	22.43	ug/l	99
36) 1,1-Dichloropropene	5.81	75	86969	21.17	ug/l	99
37) Ethyl Acetate	4.87	43	97460	21.64	ug/l	99
38) Carbon Tetrachloride	5.79	117	96892	22.11	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101773	20.95	ug/l	99
40) Benzene	6.15	78	260757	21.73	ug/l	99
41) Methacrylonitrile	5.07	41	56192	21.81	ug/l	98
42) 1,2-Dichloroethane	6.21	62	104411	22.64	ug/l	99
43) Isopropyl Acetate	6.48	43	148997	21.55	ug/l	100
44) Trichloroethene	7.22	130	80331	21.90	ug/l	98
45) 1,2-Dichloropropane	7.52	63	66585	22.26	ug/l	98
46) Dibromomethane	7.67	93	46441	21.93	ug/l	99
47) Bromodichloromethane	7.91	83	87470	22.32	ug/l	99
48) Methyl methacrylate	7.79	41	80620	21.42	ug/l	99
49) 1,4-Dioxane	7.76	88	33605	413.20	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	510550	111.14	ug/l	99
52) Toluene	8.79	92	172860	22.03	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	98760	22.30	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	87365	20.48	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	70241	22.22	ug/l	97
56) Ethyl methacrylate	9.19	69	97806	21.46	ug/l	99
57) 1,3-Dichloropropane	9.38	76	114888	21.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	243940	109.15	ug/l	99
59) 2-Hexanone	9.51	43	392589	111.60	ug/l	99
60) Dibromochloromethane	9.59	129	71025	21.94	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73229	22.06	ug/l	99
64) Tetrachloroethene	9.34	164	92307	21.57	ug/l	99
65) Chlorobenzene	10.15	112	196967	21.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	71648	22.24	ug/l	99
67) Ethyl Benzene	10.26	91	319044	21.61	ug/l	99
68) m/p-Xylenes	10.37	106	256505	43.98	ug/l	100
69) o-Xylene	10.71	106	124548	21.97	ug/l	100
70) Styrene	10.72	104	202256	21.96	ug/l	100
71) Bromoform	10.87	173	55493	20.20	ug/l #	100
73) Isopropylbenzene	11.02	105	333698	22.38	ug/l	100
74) N-amyl acetate	6.48	43	148997	22.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	99668	22.63	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	97795m	22.38	ug/l	
77) Bromobenzene	11.26	156	94217	21.73	ug/l	98
78) n-propylbenzene	11.37	91	368245	22.68	ug/l	99
79) 2-Chlorotoluene	11.43	91	223996	22.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	281391	22.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24765	20.81	ug/l	91
82) 4-Chlorotoluene	11.52	91	258670	22.44	ug/l	99
83) tert-Butylbenzene	11.77	119	280454	22.70	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	290497	22.77	ug/l	100
85) sec-Butylbenzene	11.95	105	337978	22.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	307335	22.59	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	170519	22.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	172461	21.82	ug/l	99
89) n-Butylbenzene	12.40	91	246115	21.84	ug/l	99
90) Hexachloroethane	12.60	117	44927	21.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	174749	22.16	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21832	22.56	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	123562	21.42	ug/l	100
94) Hexachlorobutadiene	13.79	225	67841	21.49	ug/l	99
95) Naphthalene	13.84	128	358899	22.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	130367	22.02	ug/l	99

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

