

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050618\
 Data File : VX001439.D
 Acq On : 06 May 2018 13:04
 Operator : JC/MD
 Sample : VX0506WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/18/2018 2:17:28 PM

Quant Time: May 07 07:24:45 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	270657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	189414	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.51	113	150425	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	8.72	98	554510	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	209927	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	73648	20.21	ug/l	100
3) Chloromethane	1.32	50	66568	18.76	ug/l	99
4) Vinyl Chloride	1.40	62	70842	19.13	ug/l	98
5) Bromomethane	1.64	94	43707	23.99	ug/l	96
6) Chloroethane	1.72	64	45153	18.45	ug/l	98
7) Trichlorofluoromethane	1.93	101	110005	19.74	ug/l	99
8) Diethyl Ether	2.19	74	41226	18.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64436	19.72	ug/l	99
10) Methyl Iodide	2.51	142	82916	17.59	ug/l	99
11) Tert butyl alcohol	3.07	59	81644	99.54	ug/l	99
12) 1,1-Dichloroethene	2.37	96	56582	18.89	ug/l	94
13) Acrolein	2.29	56	13898	77.92	ug/l	94
14) Allyl chloride	2.73	41	105049	18.81	ug/l	98
15) Acrylonitrile	3.15	53	169799	91.61	ug/l	100
16) Acetone	2.45	43	166030	93.99	ug/l	100
17) Carbon Disulfide	2.57	76	136574	17.92	ug/l	98
18) Methyl Acetate	2.78	43	88308	19.03	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	203582	19.52	ug/l	100
20) Methylene Chloride	2.85	84	63532	18.16	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	60463	18.09	ug/l	94
22) Diisopropyl ether	3.87	45	204690	19.62	ug/l	97
23) Vinyl Acetate	3.82	43	881285	101.35	ug/l	100
24) 1,1-Dichloroethane	3.70	63	111155	19.07	ug/l	99
25) 2-Butanone	4.71	43	243041	95.18	ug/l	99
26) 2,2-Dichloropropane	4.59	77	88989	19.77	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	68471	19.24	ug/l	99
28) Bromochloromethane	5.02	49	51712	20.46	ug/l	97
29) Tetrahydrofuran	5.17	42	152803	93.53	ug/l	100
30) Chloroform	5.21	83	116420	19.39	ug/l	99
31) Cyclohexane	5.57	56	98582	19.69	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	102312	19.50	ug/l	98
36) 1,1-Dichloropropene	5.80	75	84571	19.22	ug/l	100
37) Ethyl Acetate	4.87	43	91842	19.04	ug/l	100
38) Carbon Tetrachloride	5.79	117	91732	19.54	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104509	20.08	ug/l	96
40) Benzene	6.15	78	251250	19.54	ug/l	99
41) Methacrylonitrile	5.07	41	52387	18.98	ug/l	98
42) 1,2-Dichloroethane	6.20	62	100329	20.31	ug/l	99
43) Isopropyl Acetate	6.47	43	148152	20.00	ug/l	99
44) Trichloroethene	7.21	130	78128	19.88	ug/l	99
45) 1,2-Dichloropropane	7.52	63	63665	19.87	ug/l	96
46) Dibromomethane	7.67	93	44383	19.56	ug/l	99
47) Bromodichloromethane	7.90	83	83147	19.80	ug/l	99
48) Methyl methacrylate	7.78	41	78558	19.48	ug/l	98
49) 1,4-Dioxane	7.76	88	34523	396.23	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	485480	98.64	ug/l	98
52) Toluene	8.79	92	167516	19.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95587	20.14	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	87553	19.30	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	66606	19.67	ug/l	98
56) Ethyl methacrylate	9.18	69	94861	19.43	ug/l	98
57) 1,3-Dichloropropane	9.38	76	111271	19.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	247503	103.37	ug/l	99
59) 2-Hexanone	9.50	43	365482	96.98	ug/l	99
60) Dibromochloromethane	9.59	129	69074	19.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71436	20.09	ug/l	100
64) Tetrachloroethene	9.34	164	94607	20.65	ug/l	98
65) Chlorobenzene	10.14	112	190073	19.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69700	20.21	ug/l	99
67) Ethyl Benzene	10.26	91	312765	19.79	ug/l	99
68) m/p-Xylenes	10.37	106	252887	40.50	ug/l	100
69) o-Xylene	10.70	106	120931	19.93	ug/l	98
70) Styrene	10.72	104	198884	20.18	ug/l	100
71) Bromoform	10.86	173	53709	18.61	ug/l	98
73) Isopropylbenzene	11.02	105	330452	20.29	ug/l	99
74) N-amyl acetate	6.47	43	148152	20.02	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91673	19.06	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	94205m	19.74	ug/l	
77) Bromobenzene	11.26	156	93150	19.67	ug/l	99
78) n-propylbenzene	11.37	91	368211	20.76	ug/l	99
79) 2-Chlorotoluene	11.43	91	220692	20.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	279088	20.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22575	18.08	ug/l	87
82) 4-Chlorotoluene	11.52	91	257318	20.43	ug/l	99
83) tert-Butylbenzene	11.77	119	268690	19.91	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	286492	20.55	ug/l	100
85) sec-Butylbenzene	11.95	105	336478	20.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	309658	20.84	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	171352	20.24	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171497	19.86	ug/l	99
89) n-Butylbenzene	12.40	91	250558	20.35	ug/l	99
90) Hexachloroethane	12.60	117	43689	19.53	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	170567	19.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20917	19.79	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128145	20.33	ug/l	100
94) Hexachlorobutadiene	13.79	225	69257	20.08	ug/l	100
95) Naphthalene	13.84	128	350762	20.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132064	20.42	ug/l	99

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

