

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001317.D
 Acq On : 02 May 2018 15:19
 Operator : JC/MD
 Sample : VX0502WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/3/2018 12:21:18 PM

Quant Time: May 03 05:20:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	229575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	217450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	149292	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	108320	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.04%		
35) Dibromofluoromethane	5.51	113	92323	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.36%		
50) Toluene-d8	8.72	98	341155	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.56%		
62) 4-Bromofluorobenzene	11.14	95	127039	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.90%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40610	20.65	ug/l	97
3) Chloromethane	1.32	50	38011	19.69	ug/l	97
4) Vinyl Chloride	1.40	62	40256	19.81	ug/l	99
5) Bromomethane	1.64	94	32853	20.74	ug/l	100
6) Chloroethane	1.72	64	26286	20.46	ug/l	99
7) Trichlorofluoromethane	1.93	101	72054	21.01	ug/l	99
8) Diethyl Ether	2.19	74	24707	20.98	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41017	20.74	ug/l	99
10) Methyl Iodide	2.51	142	52235	26.46	ug/l	100
11) Tert butyl alcohol	3.08	59	49965	118.01	ug/l	97
12) 1,1-Dichloroethene	2.37	96	34813	19.52	ug/l	97
13) Acrolein	2.30	56	17622	72.28	ug/l	94
14) Allyl chloride	2.73	41	63186	20.25	ug/l	99
15) Acrylonitrile	3.15	53	104972	106.97	ug/l	100
16) Acetone	2.45	43	108505	103.29	ug/l	100
17) Carbon Disulfide	2.57	76	81890	17.63	ug/l	97
18) Methyl Acetate	2.78	43	56696	22.85	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	126665	20.85	ug/l	99
20) Methylene Chloride	2.86	84	40306	20.32	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	37993	19.57	ug/l	98
22) Diisopropyl ether	3.88	45	109678	18.25	ug/l	97
23) Vinyl Acetate	3.83	43	508221	99.81	ug/l	99
24) 1,1-Dichloroethane	3.70	63	70710	21.12	ug/l	99
25) 2-Butanone	4.72	43	142732	100.49	ug/l	100
26) 2,2-Dichloropropane	4.59	77	48943	17.97	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40519	18.99	ug/l	99
28) Bromochloromethane	5.03	49	33175	22.05	ug/l	98
29) Tetrahydrofuran	5.18	42	90252	103.32	ug/l	99
30) Chloroform	5.22	83	68616	19.39	ug/l	99
31) Cyclohexane	5.57	56	55501	18.36	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	59197	19.14	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49747	18.78	ug/l	99
37) Ethyl Acetate	4.87	43	54422	20.34	ug/l	99
38) Carbon Tetrachloride	5.79	117	52860	19.04	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59458	18.97	ug/l	98
40) Benzene	6.15	78	148655	19.50	ug/l	99
41) Methacrylonitrile	5.07	41	30490	19.57	ug/l	99
42) 1,2-Dichloroethane	6.21	62	57002	19.31	ug/l	99
43) Isopropyl Acetate	6.48	43	84469	19.50	ug/l	100
44) Trichloroethene	7.22	130	45681	19.58	ug/l	97
45) 1,2-Dichloropropane	7.52	63	37531	19.17	ug/l	98
46) Dibromomethane	7.67	93	26939	19.63	ug/l	98
47) Bromodichloromethane	7.90	83	47331	19.29	ug/l	99
48) Methyl methacrylate	7.79	41	44691	19.41	ug/l	99
49) 1,4-Dioxane	7.76	88	20658	475.41	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	291192	104.28	ug/l	99
52) Toluene	8.79	92	97727	19.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	54847	18.80	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	49373	18.40	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	39931	19.84	ug/l	97
56) Ethyl methacrylate	9.19	69	55070	19.75	ug/l	98
57) 1,3-Dichloropropane	9.38	76	64301	19.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	137089	101.89	ug/l	99
59) 2-Hexanone	9.51	43	225571	103.35	ug/l	100
60) Dibromochloromethane	9.59	129	40560	19.32	ug/l	97
61) 1,2-Dibromoethane	9.68	107	42139	19.75	ug/l	100
64) Tetrachloroethene	9.34	164	56986	22.12	ug/l	97
65) Chlorobenzene	10.14	112	114741	19.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	41506	20.22	ug/l	98
67) Ethyl Benzene	10.26	91	186280	19.11	ug/l	99
68) m/p-Xylenes	10.37	106	150317	39.20	ug/l	99
69) o-Xylene	10.71	106	72377	19.46	ug/l	98
70) Styrene	10.72	104	119549	19.65	ug/l	99
71) Bromoform	10.87	173	32420	18.99	ug/l #	99
73) Isopropylbenzene	11.02	105	195599	19.58	ug/l	100
74) N-amyl acetate	6.48	43	84469	19.71	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	58256	19.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	55890m	20.25	ug/l	
77) Bromobenzene	11.26	156	56312	19.55	ug/l	99
78) n-propylbenzene	11.37	91	221854	19.99	ug/l	99
79) 2-Chlorotoluene	11.43	91	134030	20.01	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	166454	19.84	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	12685	17.95	ug/l	93
82) 4-Chlorotoluene	11.52	91	153380	19.04	ug/l	98
83) tert-Butylbenzene	11.77	119	162576	19.44	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	173260	20.16	ug/l	99
85) sec-Butylbenzene	11.95	105	203467	20.33	ug/l	100
86) p-Isopropyltoluene	12.07	119	185062	20.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	103518	19.24	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104316	18.81	ug/l	99
89) n-Butylbenzene	12.40	91	152668	19.06	ug/l	99
90) Hexachloroethane	12.60	117	25099	18.88	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	104090	19.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12175	20.13	ug/l	94

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93) 1,2,4-Trichlorobenzene	13.65	180	77434	17.98	ug/l	98
94) Hexachlorobutadiene	13.79	225	43417	19.27	ug/l	99
95) Naphthalene	13.84	128	214600	19.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	81191	19.21	ug/l	100

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

