

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001282.D
 Acq On : 01 May 2018 16:51
 Operator : JC/MD
 Sample : VX0501WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:55 PM

Quant Time: May 02 05:10:59 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	193270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	245975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	233413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158938	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	121677	45.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.96%	
35) Dibromofluoromethane	5.51	113	102939	48.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.16%	
50) Toluene-d8	8.72	98	387978	51.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.14	95	147243	48.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46153	21.59	ug/l	100
3) Chloromethane	1.32	50	43477	20.71	ug/l	100
4) Vinyl Chloride	1.40	62	44793	20.27	ug/l	99
5) Bromomethane	1.64	94	33372	19.27	ug/l	98
6) Chloroethane	1.73	64	26854	19.23	ug/l	100
7) Trichlorofluoromethane	1.93	101	76141	20.42	ug/l	98
8) Diethyl Ether	2.19	74	25427	19.86	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43626	20.29	ug/l	100
10) Methyl Iodide	2.51	142	32263	16.91	ug/l	100
11) Tert butyl alcohol	3.07	59	50832	110.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	38639	19.93	ug/l	98
13) Acrolein	2.29	56	24143	91.10	ug/l	100
14) Allyl chloride	2.73	41	66953	19.74	ug/l	99
15) Acrylonitrile	3.15	53	108989	102.16	ug/l	100
16) Acetone	2.45	43	115190	100.87	ug/l	99
17) Carbon Disulfide	2.57	76	92652	18.34	ug/l	98
18) Methyl Acetate	2.78	43	57348	21.26	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	132387	20.05	ug/l	98
20) Methylene Chloride	2.86	84	42308	19.56	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	40862	19.36	ug/l	95
22) Diisopropyl ether	3.87	45	122408	18.74	ug/l	95
23) Vinyl Acetate	3.83	43	523327	94.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	73880	20.30	ug/l	99
25) 2-Butanone	4.71	43	152910	99.03	ug/l	96
26) 2,2-Dichloropropane	4.59	77	54873	18.53	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	44322	19.11	ug/l	99
28) Bromochloromethane	5.02	49	35519	21.71	ug/l	100
29) Tetrahydrofuran	5.17	42	95447	100.51	ug/l	100
30) Chloroform	5.23	83	73157	19.02	ug/l	98
31) Cyclohexane	5.58	56	63127	19.21	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	64444	19.17	ug/l	99
36) 1,1-Dichloropropene	5.81	75	54280	19.12	ug/l	98
37) Ethyl Acetate	4.87	43	57002	19.89	ug/l	99
38) Carbon Tetrachloride	5.79	117	56744	19.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67634	20.14	ug/l	98
40) Benzene	6.15	78	158124	19.36	ug/l	97
41) Methacrylonitrile	5.07	41	32587	19.52	ug/l	99
42) 1,2-Dichloroethane	6.20	62	61455	19.44	ug/l	99
43) Isopropyl Acetate	6.47	43	91170	19.64	ug/l	99
44) Trichloroethene	7.22	130	50034	20.01	ug/l	94
45) 1,2-Dichloropropane	7.52	63	40182	19.16	ug/l	99
46) Dibromomethane	7.67	93	28326	19.27	ug/l	99
47) Bromodichloromethane	7.90	83	51036	19.42	ug/l	98
48) Methyl methacrylate	7.79	41	47676	19.32	ug/l	99
49) 1,4-Dioxane	7.76	88	21011	451.30	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	306864	102.56	ug/l	100
52) Toluene	8.79	92	106875	20.02	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	60245	19.27	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	54016	18.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	42743	19.82	ug/l	97
56) Ethyl methacrylate	9.19	69	60680	20.31	ug/l	99
57) 1,3-Dichloropropane	9.38	76	69427	20.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	153031	106.16	ug/l	100
59) 2-Hexanone	9.50	43	239619	102.47	ug/l	100
60) Dibromochloromethane	9.59	129	43688	19.42	ug/l	98
61) 1,2-Dibromoethane	9.68	107	45850	20.06	ug/l	98
64) Tetrachloroethene	9.34	164	58831	21.27	ug/l	98
65) Chlorobenzene	10.14	112	123838	19.51	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	43838	19.89	ug/l	98
67) Ethyl Benzene	10.26	91	203834	19.49	ug/l	97
68) m/p-Xylenes	10.37	106	160916	39.09	ug/l	98
69) o-Xylene	10.70	106	78179	19.58	ug/l	99
70) Styrene	10.72	104	128711	19.71	ug/l	99
71) Bromoform	10.86	173	34507	18.86	ug/l #	100
73) Isopropylbenzene	11.02	105	214467	20.17	ug/l	99
74) N-amyl acetate	6.47	43	91170	19.99	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	63053	19.79	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	60467m	20.57	ug/l	
77) Bromobenzene	11.26	156	61335	20.00	ug/l	98
78) n-propylbenzene	11.37	91	241042	20.40	ug/l	99
79) 2-Chlorotoluene	11.43	91	140876	19.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	182016	20.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14276	18.73	ug/l	91
82) 4-Chlorotoluene	11.51	91	169273	19.74	ug/l	100
83) tert-Butylbenzene	11.77	119	176279	19.80	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	188267	20.58	ug/l	99
85) sec-Butylbenzene	11.95	105	219080	20.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	203350	20.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	113218	19.77	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	113571	19.24	ug/l	99
89) n-Butylbenzene	12.39	91	171584	20.12	ug/l	99
90) Hexachloroethane	12.60	117	27817	19.66	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	112682	19.77	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13218	20.53	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86774	18.93	ug/l	98
94) Hexachlorobutadiene	13.79	225	48191	20.09	ug/l	99
95) Naphthalene	13.84	128	236839	20.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88930	19.76	ug/l	99

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

