

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001107.D
 Acq On : 25 Apr 2018 05:07
 Operator : JC/MD
 Sample : J2463-11MS 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:29 AM

Quant Time: Apr 25 08:36:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	158193	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	130088	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	8.73	98	473316	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	193764	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	165733	55.34	ug/l	99
3) Chloromethane	1.32	50	148140	53.12	ug/l	99
4) Vinyl Chloride	1.40	62	15197357	5258.19	ug/l #	21
5) Bromomethane	1.64	94	81876	49.13	ug/l	100
6) Chloroethane	1.73	64	89694	52.23	ug/l	98
7) Trichlorofluoromethane	1.93	101	236468	54.46	ug/l	99
8) Diethyl Ether	2.19	74	85254	53.16	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128556	50.53	ug/l	99
10) Methyl Iodide	2.51	142	87784	37.25	ug/l	99
11) Tert butyl alcohol	3.08	59	146934	318.30	ug/l	99
12) 1,1-Dichloroethene	2.38	96	126844	53.92	ug/l	98
13) Acrolein	2.30	56	63254	431.52	ug/l	98
14) Allyl chloride	2.73	41	197882	46.48	ug/l	98
15) Acrylonitrile	3.15	53	356438	285.30	ug/l	99
16) Acetone	2.45	43	581228	504.27	ug/l	100
17) Carbon Disulfide	2.57	76	308392	45.99	ug/l	100
18) Methyl Acetate	2.78	43	226968	65.08	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	435197	55.02	ug/l	100
20) Methylene Chloride	2.86	84	140615	58.13	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	145669	55.62	ug/l	97
22) Diisopropyl ether	3.88	45	450544	54.66	ug/l	98
23) Vinyl Acetate	3.83	43	1823777	267.28	ug/l	100
24) 1,1-Dichloroethane	3.70	63	238078	51.50	ug/l	99
25) 2-Butanone	4.71	43	736322	409.23	ug/l	99
26) 2,2-Dichloropropane	4.59	77	80808	20.32	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	1883081	645.45	ug/l	89
28) Bromochloromethane	5.03	49	99200	55.80	ug/l	98
29) Tetrahydrofuran	5.17	42	328323	288.76	ug/l	99
30) Chloroform	5.23	83	260196	54.34	ug/l	99
31) Cyclohexane	5.58	56	218673	50.67	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	230857	53.78	ug/l	99
36) 1,1-Dichloropropene	5.81	75	189227	47.51	ug/l	100
37) Ethyl Acetate	4.87	43	198438	54.31	ug/l #	81
38) Carbon Tetrachloride	5.79	117	204824	50.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	225750	48.69	ug/l	100
40) Benzene	6.15	78	590314	53.31	ug/l	99
41) Methacrylonitrile	5.07	41	117707	51.59	ug/l	99
42) 1,2-Dichloroethane	6.21	62	222017	52.23	ug/l	99
43) Isopropyl Acetate	6.48	43	334788	53.41	ug/l	99
44) Trichloroethene	7.22	130	165297	48.86	ug/l	100
45) 1,2-Dichloropropane	7.52	63	144915	52.04	ug/l	100
46) Dibromomethane	7.67	93	99076	50.93	ug/l	100
47) Bromodichloromethane	7.91	83	190877	52.96	ug/l	99
48) Methyl methacrylate	7.79	41	181090	53.65	ug/l	98
49) 1,4-Dioxane	7.76	88	58379	1176.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	3532084	928.05	ug/l	100
52) Toluene	8.79	92	2069146	286.29	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	194102	45.03	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	186523	45.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160236	55.78	ug/l	99
56) Ethyl methacrylate	9.19	69	228771	54.22	ug/l	98
57) 1,3-Dichloropropane	9.38	76	246207	51.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	280494	136.21	ug/l	100
59) 2-Hexanone	9.51	43	835264	286.72	ug/l	99
60) Dibromochloromethane	9.59	129	163363	54.15	ug/l	100
61) 1,2-Dibromoethane	9.68	107	161636	53.32	ug/l	99
64) Tetrachloroethene	9.34	164	165869	47.19	ug/l	99
65) Chlorobenzene	10.15	112	739299	83.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	160024	52.90	ug/l	99
67) Ethyl Benzene	10.26	91	1025812	70.09	ug/l	99
68) m/p-Xylenes	10.37	106	828567	143.65	ug/l	98
69) o-Xylene	10.71	106	428466	77.05	ug/l	97
70) Styrene	10.72	104	480135	52.43	ug/l	94
71) Bromoform	10.87	173	134604	47.92	ug/l	100
73) Isopropylbenzene	11.02	105	776260	51.76	ug/l	99
74) N-amyl acetate	6.48	43	334788	52.18	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	234796	55.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	213413m	53.62	ug/l	
77) Bromobenzene	11.26	156	216838	49.81	ug/l	99
78) n-propylbenzene	11.37	91	884496	51.37	ug/l	99
79) 2-Chlorotoluene	11.43	91	530403	52.13	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	755918	59.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42240	33.70	ug/l	94
82) 4-Chlorotoluene	11.52	91	622645	50.65	ug/l	99
83) tert-Butylbenzene	11.77	119	654540	51.03	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	968528	74.02	ug/l	99
85) sec-Butylbenzene	11.95	105	777646	50.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	714488	50.45	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	433075	53.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	507027	60.61	ug/l	99
89) n-Butylbenzene	12.40	91	608576	48.30	ug/l	99
90) Hexachloroethane	12.60	117	110009	54.82	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	1125222	142.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52894	59.47	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	309188	46.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	149136	49.76	ug/l	99
95) Naphthalene	13.84	128	1144946	70.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	316258	49.37	ug/l	99

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

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