

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001108.D
 Acq On : 25 Apr 2018 05:32
 Operator : JC/MD
 Sample : J2463-12MSD 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MSD

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:31 AM

Quant Time: Apr 25 08:38:24 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	250093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	230818	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	160419	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.51	113	132169	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.73	98	480881	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	197128	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	170875	55.09	ug/l	98
3) Chloromethane	1.32	50	153561	53.17	ug/l	99
4) Vinyl Chloride	1.40	62	15310251	5114.58	ug/l #	23
5) Bromomethane	1.64	94	83008	47.93	ug/l	99
6) Chloroethane	1.73	64	91844	51.63	ug/l	99
7) Trichlorofluoromethane	1.93	101	240343	53.44	ug/l	99
8) Diethyl Ether	2.19	74	86852	52.29	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	134288	50.96	ug/l	99
10) Methyl Iodide	2.51	142	104928	41.82	ug/l	99
11) Tert butyl alcohol	3.08	59	153597	321.26	ug/l	100
12) 1,1-Dichloroethene	2.38	96	128704	52.82	ug/l	95
13) Acrolein	2.30	56	69443	456.75	ug/l	99
14) Allyl chloride	2.73	41	204452	46.36	ug/l	99
15) Acrylonitrile	3.15	53	363152	280.65	ug/l	100
16) Acetone	2.45	43	595981	499.24	ug/l	99
17) Carbon Disulfide	2.57	76	325174	46.82	ug/l	99
18) Methyl Acetate	2.78	43	232671	64.41	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	439026	53.59	ug/l	98
20) Methylene Chloride	2.86	84	143882	57.41	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	146544	54.02	ug/l	99
22) Diisopropyl ether	3.88	45	458028	53.66	ug/l	99
23) Vinyl Acetate	3.83	43	1862958	263.60	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241666	50.47	ug/l	99
25) 2-Butanone	4.71	43	755249	405.28	ug/l	99
26) 2,2-Dichloropropane	4.59	77	80855	19.63	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	1246659	412.58	ug/l	89
28) Bromochloromethane	5.03	49	100815	54.75	ug/l	99
29) Tetrahydrofuran	5.17	42	337848	286.89	ug/l	100
30) Chloroform	5.23	83	263996	53.24	ug/l	98
31) Cyclohexane	5.58	56	223518	50.01	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	233236	52.46	ug/l	98
36) 1,1-Dichloropropene	5.81	75	193276	48.34	ug/l	100
37) Ethyl Acetate	4.87	43	202434	55.20	ug/l #	81
38) Carbon Tetrachloride	5.79	117	207705	51.31	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	233536	50.19	ug/l	99
40) Benzene	6.15	78	598790	53.87	ug/l	98
41) Methacrylonitrile	5.07	41	120114	52.45	ug/l	99
42) 1,2-Dichloroethane	6.21	62	223298	52.34	ug/l	99
43) Isopropyl Acetate	6.48	43	342134	54.38	ug/l	99
44) Trichloroethene	7.22	130	167148	49.22	ug/l	97
45) 1,2-Dichloropropane	7.52	63	146146	52.29	ug/l	98
46) Dibromomethane	7.67	93	102340	52.41	ug/l	98
47) Bromodichloromethane	7.91	83	191658	52.98	ug/l	99
48) Methyl methacrylate	7.79	41	184183	54.37	ug/l	98
49) 1,4-Dioxane	7.76	88	59906	1202.50	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	3622369	948.23	ug/l	99
52) Toluene	8.79	92	2101042	289.62	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	196720	45.47	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	190245	46.63	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	163648	56.75	ug/l	98
56) Ethyl methacrylate	9.19	69	234088	55.27	ug/l	98
57) 1,3-Dichloropropane	9.38	76	249303	52.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	240193	116.21	ug/l	99
59) 2-Hexanone	9.51	43	860190	294.18	ug/l	99
60) Dibromochloromethane	9.59	129	168357	55.59	ug/l	100
61) 1,2-Dibromoethane	9.68	107	164976	54.22	ug/l	99
64) Tetrachloroethene	9.34	164	166547	47.41	ug/l	99
65) Chlorobenzene	10.15	112	748388	84.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163043	53.93	ug/l	100
67) Ethyl Benzene	10.26	91	1036807	70.89	ug/l	100
68) m/p-Xylenes	10.37	106	848473	147.18	ug/l	100
69) o-Xylene	10.71	106	438394	78.88	ug/l	99
70) Styrene	10.72	104	486484	53.15	ug/l	94
71) Bromoform	10.87	173	138594	49.28	ug/l	99
73) Isopropylbenzene	11.02	105	793320	52.57	ug/l	99
74) N-amyl acetate	6.48	43	342134	53.00	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	237819	55.67	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	215189m	53.73	ug/l	
77) Bromobenzene	11.26	156	220648	50.37	ug/l	98
78) n-propylbenzene	11.37	91	900306	51.97	ug/l	100
79) 2-Chlorotoluene	11.43	91	539340	52.69	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	774957	60.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	43343	34.30	ug/l	95
82) 4-Chlorotoluene	11.52	91	632804	51.16	ug/l	98
83) tert-Butylbenzene	11.77	119	666444	51.65	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	987147	74.99	ug/l	100
85) sec-Butylbenzene	11.95	105	795714	51.66	ug/l	100
86) p-Isopropyltoluene	12.07	119	731453	51.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	449118	54.77	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	520732	61.87	ug/l	99
89) n-Butylbenzene	12.40	91	633135	49.94	ug/l	99
90) Hexachloroethane	12.60	117	111913	55.43	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	1165715	146.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53742	60.05	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	322117	48.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	156955	52.05	ug/l	99
95) Naphthalene	13.84	128	1172860	71.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	325362	50.48	ug/l	100

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

