

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001110.D
 Acq On : 25 Apr 2018 06:23
 Operator : JC/MD
 Sample : J2463-18MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:36 AM

Quant Time: Apr 25 08:43:30 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	240659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222055	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	158844	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.14%		
35) Dibromofluoromethane	5.51	113	129928	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.58%		
50) Toluene-d8	8.72	98	463693	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.00%		
62) 4-Bromofluorobenzene	11.14	95	191493	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.42%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	158898	53.24	ug/l	98
3) Chloromethane	1.32	50	141955	51.08	ug/l	99
4) Vinyl Chloride	1.40	62	164585	57.14	ug/l	100
5) Bromomethane	1.64	94	95284	58.85	ug/l	100
6) Chloroethane	1.73	64	88397	51.64	ug/l	98
7) Trichlorofluoromethane	1.93	101	231394	53.47	ug/l	97
8) Diethyl Ether	2.19	74	85113	53.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127730	50.38	ug/l	98
10) Methyl Iodide	2.51	142	116277	47.01	ug/l	99
11) Tert butyl alcohol	3.07	59	143041	310.91	ug/l	100
12) 1,1-Dichloroethene	2.38	96	121048	51.62	ug/l	98
13) Acrolein	2.30	56	67722	462.75	ug/l	98
14) Allyl chloride	2.73	41	202894	47.81	ug/l	98
15) Acrylonitrile	3.15	53	351278	282.12	ug/l	99
16) Acetone	2.45	43	312958	272.43	ug/l	100
17) Carbon Disulfide	2.57	76	315944	47.28	ug/l	99
18) Methyl Acetate	2.78	43	211113	60.73	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	434813	55.16	ug/l	99
20) Methylene Chloride	2.86	84	134066	55.54	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	131630	50.43	ug/l	99
22) Diisopropyl ether	3.88	45	439730	53.53	ug/l	98
23) Vinyl Acetate	3.83	43	1696842	249.51	ug/l	100
24) 1,1-Dichloroethane	3.70	63	236116	51.25	ug/l	99
25) 2-Butanone	4.71	43	496607	276.93	ug/l	99
26) 2,2-Dichloropropane	4.59	77	73713	18.60	ug/l	81
27) cis-1,2-Dichloroethene	4.60	96	227283	78.17	ug/l	91
28) Bromochloromethane	5.03	49	98316	55.49	ug/l	98
29) Tetrahydrofuran	5.17	42	325081	286.87	ug/l	99
30) Chloroform	5.23	83	252153	52.84	ug/l	98
31) Cyclohexane	5.59	56	210010	48.83	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	224951	52.58	ug/l	99
36) 1,1-Dichloropropene	5.81	75	183598	47.03	ug/l	100
37) Ethyl Acetate	4.87	43	187933	52.48	ug/l	99
38) Carbon Tetrachloride	5.79	117	198729	50.27	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	211628	46.57	ug/l	99
40) Benzene	6.15	78	549845	50.66	ug/l	99
41) Methacrylonitrile	5.07	41	117287	52.44	ug/l	99
42) 1,2-Dichloroethane	6.21	62	214531	51.49	ug/l	99
43) Isopropyl Acetate	6.48	43	322456	52.48	ug/l	99
44) Trichloroethene	7.22	130	157064	47.36	ug/l	97
45) 1,2-Dichloropropane	7.52	63	140566	51.50	ug/l	98
46) Dibromomethane	7.67	93	98078	51.43	ug/l	99
47) Bromodichloromethane	7.91	83	187868	53.18	ug/l	100
48) Methyl methacrylate	7.79	41	176623	53.39	ug/l	98
49) 1,4-Dioxane	7.76	88	54789	1126.18	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1080127	289.53	ug/l	99
52) Toluene	8.79	92	360404	50.87	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	189159	44.77	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	182031	45.69	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	145659	51.73	ug/l	99
56) Ethyl methacrylate	9.19	69	222371	53.77	ug/l	98
57) 1,3-Dichloropropane	9.38	76	240882	51.64	ug/l	100
59) 2-Hexanone	9.51	43	815297	285.52	ug/l	99
60) Dibromochloromethane	9.59	129	160718	54.34	ug/l	99
61) 1,2-Dibromoethane	9.68	107	157201	52.90	ug/l	100
64) Tetrachloroethene	9.34	164	155119	45.56	ug/l	98
65) Chlorobenzene	10.15	112	576108	67.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	155250	52.98	ug/l	99
67) Ethyl Benzene	10.26	91	702755	49.57	ug/l	98
68) m/p-Xylenes	10.37	106	554574	99.25	ug/l	99
69) o-Xylene	10.71	106	272803	50.64	ug/l	99
70) Stvrene	10.72	104	450492	50.78	ug/l	99
71) Bromoform	10.87	173	132638	48.69	ug/l	100
73) Isopropylbenzene	11.02	105	729421	50.25	ug/l	99
74) N-amyl acetate	6.48	43	322456	51.93	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228038	55.49	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	205473m	53.33	ug/l	
77) Bromobenzene	11.26	156	209523	49.72	ug/l	99
78) n-propylbenzene	11.37	91	819998	49.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	496120	50.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	624298	50.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	41412	34.09	ug/l	95
82) 4-Chlorotoluene	11.52	91	590168	49.60	ug/l	99
83) tert-Butylbenzene	11.77	119	648117	52.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	647091	51.10	ug/l	99
85) sec-Butylbenzene	11.95	105	747809	50.47	ug/l	99
86) p-Isopropyltoluene	12.07	119	678075	49.47	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	388298	49.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	457242	56.47	ug/l	100
89) n-Butylbenzene	12.40	91	575167	47.16	ug/l	100
90) Hexachloroethane	12.60	117	105333	54.23	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	404297	52.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50350	58.48	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	299145	46.66	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	143544	49.48	ug/l	99
95) Naphthalene	13.84	128	850613	53.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	303782	48.99	ug/l	99

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

