

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000962.D
 Acq On : 17 Apr 2018 10:29
 Operator : JC/MD
 Sample : J2349-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW001-180410MS

Manual Integrations
 APPROVED

MMDadoda
 4/18/2018 2:45:14 PM

Quant Time: Apr 17 13:43:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	134413	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.51	113	111829	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	8.72	98	410689	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.15	95	168554	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121997	49.38	ug/l	100
3) Chloromethane	1.32	50	110122	51.98	ug/l	100
4) Vinyl Chloride	1.41	62	127811	53.64	ug/l	96
5) Bromomethane	1.64	94	78046	79.96	ug/l	99
6) Chloroethane	1.73	64	75751	52.45	ug/l	98
7) Trichlorofluoromethane	1.93	101	193944	53.95	ug/l	97
8) Diethyl Ether	2.19	74	73850	54.99	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	112425	53.04	ug/l	99
10) Methyl Iodide	2.52	142	75660	46.54	ug/l	100
11) Tert butyl alcohol	3.07	59	113134	230.89	ug/l	100
12) 1,1-Dichloroethene	2.38	96	104807	52.17	ug/l	97
13) Acrolein	2.30	56	26936	113.20	ug/l	99
14) Allyl chloride	2.73	41	187275	50.42	ug/l	99
15) Acrylonitrile	3.15	53	289516	277.14	ug/l	100
16) Acetone	2.45	43	235734	247.69	ug/l	98
17) Carbon Disulfide	2.57	76	249739	41.05	ug/l	99
18) Methyl Acetate	2.78	43	144675	58.74	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	374039	55.90	ug/l	98
20) Methylene Chloride	2.86	84	117246	52.97	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	113546	51.26	ug/l	97
22) Diisopropyl ether	3.88	45	396587	58.09	ug/l	99
23) Vinyl Acetate	3.83	43	1597134	266.47	ug/l	98
24) 1,1-Dichloroethane	3.70	63	214880	56.10	ug/l	99
25) 2-Butanone	4.71	43	409192	260.36	ug/l	99
26) 2,2-Dichloropropane	4.59	77	136132	35.80	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	148651	59.13	ug/l	95
28) Bromochloromethane	5.03	49	79805	51.74	ug/l	97
29) Tetrahydrofuran	5.17	42	261482	262.03	ug/l	100
30) Chloroform	5.23	83	226899	55.95	ug/l	98
31) Cyclohexane	5.59	56	182883	50.27	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	199762	51.70	ug/l	99
36) 1,1-Dichloropropene	5.81	75	163860	48.92	ug/l	100
37) Ethyl Acetate	4.87	43	159332	48.73	ug/l	99
38) Carbon Tetrachloride	5.79	117	176357	47.04	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	182338	45.33	ug/l	99
40) Benzene	6.15	78	485291	52.14	ug/l	99
41) Methacrylonitrile	5.07	41	98253	52.01	ug/l	99
42) 1,2-Dichloroethane	6.21	62	185893	53.48	ug/l	99
43) Isopropyl Acetate	6.47	43	276533	49.33	ug/l	99
44) Trichloroethene	7.22	130	146997	50.78	ug/l	95
45) 1,2-Dichloropropane	7.53	63	127400	53.76	ug/l	97
46) Dibromomethane	7.67	93	86063	52.09	ug/l	100
47) Bromodichloromethane	7.91	83	165848	49.73	ug/l	100
48) Methyl methacrylate	7.79	41	151745	52.22	ug/l	99
49) 1,4-Dioxane	7.76	88	48717	834.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	879075	266.95	ug/l	99
52) Toluene	8.79	92	321256	52.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	189468	47.37	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	180210	46.27	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	129313	52.76	ug/l	99
56) Ethyl methacrylate	9.19	69	196377	51.93	ug/l	100
57) 1,3-Dichloropropane	9.38	76	215272	55.24	ug/l	99
59) 2-Hexanone	9.51	43	654391	257.40	ug/l	100
60) Dibromochloromethane	9.59	129	142687	48.65	ug/l	99
61) 1,2-Dibromoethane	9.68	107	138458	53.24	ug/l	99
64) Tetrachloroethene	9.34	164	140254	48.98	ug/l	99
65) Chlorobenzene	10.15	112	386731	52.49	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	139136	50.18	ug/l	99
67) Ethyl Benzene	10.26	91	627199	51.06	ug/l	100
68) m/p-Xylenes	10.37	106	492502	101.58	ug/l	100
69) o-Xylene	10.71	106	239485	51.25	ug/l	99
70) Stvrene	10.72	104	408278	51.83	ug/l	100
71) Bromoform	10.87	173	115083	44.82	ug/l	100
73) Isopropylbenzene	11.02	105	653429	51.77	ug/l	100
74) N-amyl acetate	6.47	43	276533	48.65	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	194953	53.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	195522m	56.98	ug/l	
77) Bromobenzene	11.26	156	190064	51.38	ug/l	99
78) n-propylbenzene	11.37	91	733008	50.77	ug/l	100
79) 2-Chlorotoluene	11.43	91	439357	51.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	553628	51.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	46746	37.48	ug/l	90
82) 4-Chlorotoluene	11.52	91	524499	50.93	ug/l	100
83) tert-Butylbenzene	11.77	119	570990	51.42	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	566384	50.54	ug/l	100
85) sec-Butylbenzene	11.95	105	647775	49.45	ug/l	99
86) p-Isopropyltoluene	12.07	119	600628	49.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	349484	51.05	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	356843	50.86	ug/l	99
89) n-Butylbenzene	12.40	91	507028	47.02	ug/l	100
90) Hexachloroethane	12.60	117	89934	43.50	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	345512	52.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40977	44.65	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	276929	49.10	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	107183	38.65	ug/l	99
95) Naphthalene	13.84	128	737943	50.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	270089	49.31	ug/l	99

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

