

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002250.D
 Acq On : 02 Jun 2018 20:04
 Operator : JC/MD
 Sample : J3234-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MSD

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:53 PM

Quant Time: Jun 04 07:46:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	137677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	210462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156085	63.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.84%	
35) Dibromofluoromethane	5.51	113	117096	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	8.72	98	426570	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.14	95	162379	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61788	35.261	ug/l	98
3) Chloromethane	1.32	50	97478	46.017	ug/l	98
4) Vinyl Chloride	1.41	62	98006	47.917	ug/l	99
5) Bromomethane	1.64	94	61395	65.510	ug/l	98
6) Chloroethane	1.71	64	70953	58.846	ug/l	100
7) Trichlorofluoromethane	1.92	101	158296	51.535	ug/l	99
8) Diethyl Ether	2.19	74	228192	204.754	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87326	50.949	ug/l	98
10) Methyl Iodide	2.51	142	130211	56.146	ug/l	98
11) Tert butyl alcohol	3.09	59	172399	356.880	ug/l	98
12) 1,1-Dichloroethene	2.37	96	86466	53.882	ug/l	97
13) Acrolein	2.30	56	56309	269.597	ug/l	99
14) Allyl chloride	2.73	41	202857	60.222	ug/l	98
15) Acrylonitrile	3.15	53	386439	389.015	ug/l	100
16) Acetone	2.45	43	357767	376.689	ug/l	99
17) Carbon Disulfide	2.56	76	178761	38.706	ug/l	100
18) Methyl Acetate	2.78	43	188520	83.150	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	421967	69.913	ug/l	99
20) Methylene Chloride	2.85	84	119029	73.153	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	97583	62.867	ug/l	98
22) Diisopropyl ether	3.88	45	389550	56.854	ug/l	97
23) Vinyl Acetate	3.83	43	1690833	297.637	ug/l	98
24) 1,1-Dichloroethane	3.70	63	215087	66.084	ug/l	99
25) 2-Butanone	4.71	43	511088	293.602	ug/l	100
26) 2,2-Dichloropropane	4.59	77	124039	37.652	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	110394	52.755	ug/l	94
28) Bromochloromethane	5.03	49	99833	73.977	ug/l	99
29) Tetrahydrofuran	5.17	42	358242	316.311	ug/l	98
30) Chloroform	5.22	83	202293	55.168	ug/l	97
31) Cyclohexane	5.57	56	136018	40.111	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	159489	46.654	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121947	40.707	ug/l	98
37) Ethyl Acetate	4.87	43	192255	49.226	ug/l	99
38) Carbon Tetrachloride	5.78	117	130735	37.424	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135498	36.817	ug/l	98
40) Benzene	6.15	78	438965	50.016	ug/l	100
41) Methacrylonitrile	5.07	41	114223	55.574	ug/l	98
42) 1,2-Dichloroethane	6.20	62	182058	51.932	ug/l	99
43) Isopropyl Acetate	6.48	43	320437	49.242	ug/l	100
44) Trichloroethene	7.22	130	113362	44.325	ug/l	97
45) 1,2-Dichloropropane	7.52	63	123021	51.615	ug/l	99
46) Dibromomethane	7.66	93	83421	52.864	ug/l	99
47) Bromodichloromethane	7.90	83	146711	43.603	ug/l	98
48) Methyl methacrylate	7.79	41	168365	50.835	ug/l	98
49) 1,4-Dioxane	7.76	88	60653	1039.222	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1104017	281.436	ug/l	100
52) Toluene	8.79	92	269651	48.278	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	171714	44.310	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	162395	43.005	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	124859	53.512	ug/l	98
56) Ethyl methacrylate	9.19	69	197860	49.300	ug/l	98
57) 1,3-Dichloropropane	9.38	76	206768	53.792	ug/l	99
59) 2-Hexanone	9.51	43	845021	279.370	ug/l	99
60) Dibromochloromethane	9.59	129	122653	44.380	ug/l	100
61) 1,2-Dibromoethane	9.68	107	131618	53.759	ug/l	100
64) Tetrachloroethene	9.34	164	118729	39.346	ug/l	98
65) Chlorobenzene	10.14	112	354236	53.125	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	122108	45.350	ug/l	99
67) Ethyl Benzene	10.26	91	538176	46.454	ug/l	100
68) m/p-Xylenes	10.37	106	414771	93.657	ug/l	98
69) o-Xylene	10.70	106	214886	48.596	ug/l	97
70) Styrene	10.72	104	348905	47.578	ug/l	99
71) Bromoform	10.87	173	96945	37.971	ug/l #	99
73) Isopropylbenzene	11.02	105	537231	45.609	ug/l	99
74) N-amyl acetate	6.48	43	320437	52.604	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	197977	61.751	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	168713m	50.496	ug/l	
77) Bromobenzene	11.26	156	155036	49.609	ug/l	96
78) n-propylbenzene	11.37	91	578694	43.865	ug/l	100
79) 2-Chlorotoluene	11.43	91	371904	51.456	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	454648	45.165	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	48782	35.091	ug/l #	85
82) 4-Chlorotoluene	11.52	91	427470	45.941	ug/l	99
83) tert-Butylbenzene	11.77	119	449874	45.542	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	473591	45.527	ug/l	99
85) sec-Butylbenzene	11.95	105	517753	43.602	ug/l	100
86) p-Isopropyltoluene	12.07	119	466180	43.873	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	263442	47.070	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	281191	50.253	ug/l	99
89) n-Butylbenzene	12.39	91	369397	41.028	ug/l	99
90) Hexachloroethane	12.60	117	72091	34.396	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	289379	50.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44537	42.527	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	181958	44.623	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	83089	37.880	ug/l	99
95) Naphthalene	13.84	128	652164	51.911	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	199967	47.393	ug/l	99

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

