

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002249.D
 Acq On : 02 Jun 2018 19:37
 Operator : JC/MD
 Sample : J3234-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050MS

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:52 PM

Quant Time: Jun 04 07:43:58 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	146664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	252400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171007	65.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.46%	
35) Dibromofluoromethane	5.51	113	125125	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.72	98	452347	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	181520	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44560	23.187	ug/l	98
3) Chloromethane	1.32	50	114166	50.593	ug/l	99
4) Vinyl Chloride	1.41	62	103582	47.540	ug/l	100
5) Bromomethane	1.64	94	75232	75.504	ug/l	98
6) Chloroethane	1.71	64	83140	64.729	ug/l	100
7) Trichlorofluoromethane	1.92	101	139026	42.488	ug/l	99
8) Diethyl Ether	2.19	74	275455	232.018	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	65191	35.704	ug/l	97
10) Methyl Iodide	2.51	142	151660	61.387	ug/l	97
11) Tert butyl alcohol	3.09	59	191814	372.740	ug/l	98
12) 1,1-Dichloroethene	2.37	96	90974	53.217	ug/l	95
13) Acrolein	2.30	56	62189	279.504	ug/l	99
14) Allyl chloride	2.73	41	235849	65.726	ug/l	97
15) Acrylonitrile	3.15	53	432516	408.719	ug/l	99
16) Acetone	2.45	43	398709	394.073	ug/l	100
17) Carbon Disulfide	2.57	76	196028	39.844	ug/l	98
18) Methyl Acetate	2.78	43	215780	89.428	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	512867	79.767	ug/l	100
20) Methylene Chloride	2.86	84	145813	84.382	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	112271	68.029	ug/l	98
22) Diisopropyl ether	3.88	45	470713	64.490	ug/l	99
23) Vinyl Acetate	3.83	43	2032791	335.905	ug/l	99
24) 1,1-Dichloroethane	3.70	63	265955	76.706	ug/l	99
25) 2-Butanone	4.71	43	576562	310.919	ug/l	99
26) 2,2-Dichloropropane	4.59	77	139181	39.659	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	133016	59.671	ug/l	91
28) Bromochloromethane	5.03	49	121893	85.100	ug/l	98
29) Tetrahydrofuran	5.17	42	405120	335.784	ug/l	99
30) Chloroform	5.22	83	243491	62.334	ug/l	100
31) Cyclohexane	5.58	56	110015	30.455	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	176847	48.562	ug/l	99
36) 1,1-Dichloropropene	5.81	75	132110	37.630	ug/l	97
37) Ethyl Acetate	4.87	43	221519	48.398	ug/l	99
38) Carbon Tetrachloride	5.79	117	135999	33.219	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98931	22.937	ug/l	99
40) Benzene	6.15	78	517014	50.266	ug/l	100
41) Methacrylonitrile	5.07	41	132120	54.832	ug/l	99
42) 1,2-Dichloroethane	6.20	62	223054	54.291	ug/l	99
43) Isopropyl Acetate	6.48	43	376910	49.422	ug/l	100
44) Trichloroethene	7.22	130	131046	43.722	ug/l	96
45) 1,2-Dichloropropane	7.52	63	148756	53.256	ug/l	97
46) Dibromomethane	7.67	93	99415	53.756	ug/l	99
47) Bromodichloromethane	7.90	83	180280	45.719	ug/l	99
48) Methyl methacrylate	7.78	41	195900	50.470	ug/l	97
49) 1,4-Dioxane	7.76	88	66733	975.642	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1267109	275.621	ug/l	99
52) Toluene	8.79	92	321469	49.111	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	211648	46.602	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	200880	45.392	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	151245	55.310	ug/l	99
56) Ethyl methacrylate	9.19	69	239365	50.892	ug/l	98
57) 1,3-Dichloropropane	9.38	76	249093	55.296	ug/l	100
59) 2-Hexanone	9.50	43	956981	269.967	ug/l	100
60) Dibromochloromethane	9.59	129	151352	46.730	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158499	55.240	ug/l	100
64) Tetrachloroethene	9.34	164	135088	37.236	ug/l	99
65) Chlorobenzene	10.14	112	423181	52.788	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	147688	45.623	ug/l	100
67) Ethyl Benzene	10.26	91	632281	45.395	ug/l	100
68) m/p-Xylenes	10.37	106	492938	92.583	ug/l	98
69) o-Xylene	10.70	106	256096	48.173	ug/l	98
70) Styrene	10.72	104	425884	48.306	ug/l	100
71) Bromoform	10.86	173	117174	38.174	ug/l #	99
73) Isopropylbenzene	11.02	105	616269	41.827	ug/l	99
74) N-amyl acetate	6.48	43	376910	49.266	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	230820	57.469	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	232216m	55.565	ug/l	
77) Bromobenzene	11.26	156	190073	48.623	ug/l	96
78) n-propylbenzene	11.37	91	675355	40.926	ug/l	99
79) 2-Chlorotoluene	11.43	91	447847	49.447	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	537879	42.718	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59666	34.313	ug/l	87
82) 4-Chlorotoluene	11.52	91	525818	45.178	ug/l	99
83) tert-Butylbenzene	11.77	119	515091	41.688	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	571173	43.896	ug/l	99
85) sec-Butylbenzene	11.95	105	577664	38.892	ug/l	100
86) p-Isopropyltoluene	12.07	119	538993	40.553	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	330383	47.193	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	352161	50.315	ug/l	99
89) n-Butylbenzene	12.39	91	430626	38.237	ug/l	99
90) Hexachloroethane	12.60	117	85562	32.636	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	354163	49.652	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52140	39.803	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	234988	46.071	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	97657	35.593	ug/l	99
95) Naphthalene	13.84	128	781927	49.759	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	256739	48.646	ug/l	100

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

