

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001733.D
 Acq On : 15 May 2018 02:16
 Operator : JC/MD
 Sample : J2856-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:13 AM

Quant Time: May 15 06:53:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	242598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207551	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	5.51	113	178591	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	8.72	98	662768	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	11.14	95	226744	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148663	49.00	ug/l	99
3) Chloromethane	1.32	50	164533	50.21	ug/l	99
4) Vinyl Chloride	1.40	62	183602	51.82	ug/l	100
5) Bromomethane	1.64	94	79402	53.47	ug/l	95
6) Chloroethane	1.72	64	119339	53.48	ug/l	99
7) Trichlorofluoromethane	1.93	101	258180	50.15	ug/l	99
8) Diethyl Ether	2.19	74	109430	51.64	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145051	46.80	ug/l	99
10) Methyl Iodide	2.51	142	100713	35.32	ug/l	99
11) Tert butyl alcohol	3.08	59	184626	256.63	ug/l	99
12) 1,1-Dichloroethene	2.37	96	150218	50.27	ug/l	98
13) Acrolein	2.30	56	131613	257.95	ug/l	100
14) Allyl chloride	2.73	41	279677	50.64	ug/l	99
15) Acrylonitrile	3.15	53	465339	257.53	ug/l	100
16) Acetone	2.45	43	390438	245.32	ug/l	100
17) Carbon Disulfide	2.57	76	392398	50.34	ug/l	99
18) Methyl Acetate	2.78	43	231174	49.69	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	519540	51.59	ug/l	99
20) Methylene Chloride	2.86	84	171189	50.25	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	165687	50.34	ug/l	99
22) Diisopropyl ether	3.88	45	544264	51.37	ug/l	99
23) Vinyl Acetate	3.83	43	1748551	229.06	ug/l	100
24) 1,1-Dichloroethane	3.70	63	293049	50.43	ug/l	99
25) 2-Butanone	4.71	43	634567	260.43	ug/l	97
26) 2,2-Dichloropropane	4.59	77	190058	40.63	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	192098	51.29	ug/l	97
28) Bromochloromethane	5.03	49	143779	55.70	ug/l	99
29) Tetrahydrofuran	5.17	42	415201	261.41	ug/l	100
30) Chloroform	5.22	83	314650	51.55	ug/l	99
31) Cyclohexane	5.58	56	257979	50.65	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	276392	52.40	ug/l	100
36) 1,1-Dichloropropene	5.81	75	229033	48.56	ug/l	100
37) Ethyl Acetate	4.87	43	233023	47.41	ug/l	99
38) Carbon Tetrachloride	5.79	117	245506	49.69	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	261625	47.48	ug/l	98
40) Benzene	6.15	78	702767	50.58	ug/l	100
41) Methacrylonitrile	5.07	41	142904	50.28	ug/l	99
42) 1,2-Dichloroethane	6.20	62	248902	49.53	ug/l	100
43) Isopropyl Acetate	6.48	43	380341	49.44	ug/l	100
44) Trichloroethene	7.22	130	210438	48.79	ug/l	100
45) 1,2-Dichloropropane	7.52	63	173372	50.85	ug/l	100
46) Dibromomethane	7.67	93	120153	50.19	ug/l	98
47) Bromodichloromethane	7.90	83	234225	52.72	ug/l	98
48) Methyl methacrylate	7.79	41	212970	52.60	ug/l	99
49) 1,4-Dioxane	7.76	88	84592	1085.08	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1291854	265.00	ug/l	100
52) Toluene	8.79	92	463701	51.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	268098	51.29	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	244919	53.15	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	172747	50.61	ug/l	99
56) Ethyl methacrylate	9.19	69	252513	52.17	ug/l	99
57) 1,3-Dichloropropane	9.38	76	283024	49.53	ug/l	100
59) 2-Hexanone	9.51	43	905489	259.48	ug/l	100
60) Dibromochloromethane	9.59	129	187248	53.58	ug/l	100
61) 1,2-Dibromoethane	9.68	107	181870	50.90	ug/l	99
64) Tetrachloroethene	9.34	164	216707	46.15	ug/l	97
65) Chlorobenzene	10.14	112	486730	49.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	179364	51.18	ug/l	99
67) Ethyl Benzene	10.26	91	798513	50.36	ug/l	100
68) m/p-Xylenes	10.37	106	639848	102.27	ug/l	100
69) o-Xylene	10.71	106	310115	51.76	ug/l	99
70) Stvrene	10.72	104	519739	52.60	ug/l	100
71) Bromoform	10.87	173	153675	47.29	ug/l	100
73) Isopropylbenzene	11.02	105	815330	51.03	ug/l	100
74) N-amyl acetate	6.48	43	380341	49.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	242724	50.65	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234624m	50.86	ug/l	
77) Bromobenzene	11.26	156	239598	51.04	ug/l	99
78) n-propylbenzene	11.37	91	914618	50.81	ug/l	100
79) 2-Chlorotoluene	11.43	91	541658	50.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	679225	51.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64949	42.49	ug/l	98
82) 4-Chlorotoluene	11.52	91	636305	50.18	ug/l	100
83) tert-Butylbenzene	11.77	119	690771	52.96	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	704359	51.89	ug/l	100
85) sec-Butylbenzene	11.95	105	820356	50.95	ug/l	100
86) p-Isopropyltoluene	12.07	119	753314	50.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	430062	49.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	435697	48.53	ug/l	99
89) n-Butylbenzene	12.40	91	630476	48.93	ug/l	99
90) Hexachloroethane	12.60	117	122028	52.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	430129	49.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54319	53.10	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	340805	49.43	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	167771	45.32	ug/l	99
95) Naphthalene	13.84	128	955894	53.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	345672	49.78	ug/l	100

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

