

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027196.D
 Acq On : 16 Sep 2015 7:11
 Operator : MD\FY
 Sample : G3629-11MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MSD

Manual Integrations
 APPROVED

MMDadoda
 9/16/2015 11:48:13 AM

Quant Time: Sep 16 07:33:28 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 21:12:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	511569	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1060261	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	905256	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	339244	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	566926	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
36) Dibromofluoromethane	7.68	113	362839	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
51) Toluene-d8	10.19	98	1382285	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
63) 4-Bromofluorobenzene	12.52	95	481965	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	285190	46.59	ug/l	100
3) Chlorodifluoromethane	1.82	51	333451	47.08	ug/l	94
4) Chloromethane	2.01	50	341378	49.80	ug/l	99
5) Vinyl Chloride	2.14	62	365755	50.59	ug/l	98
6) Bromomethane	2.54	94	164609	46.50	ug/l	99
7) Chloroethane	2.69	64	244281	49.71	ug/l	99
8) Trichlorofluoromethane	3.02	101	540396	49.49	ug/l	97
9) Diethyl Ether	3.42	74	250975	49.95	ug/l	87
10) 1,1,2-Trichlorotrifluoroet	3.79	101	314709	45.88	ug/l	97
11) Methyl Iodide	3.99	142	341475	51.22	ug/l	92
12) Tert butyl alcohol	4.79	59	235425	229.69	ug/l	97
13) 1,1-Dichloroethene	3.77	96	327402	49.85	ug/l	95
14) Acrolein	3.62	56	75657	62.83	ug/l	100
15) Allyl chloride	4.37	41	496762	37.44	ug/l #	82
16) Acrylonitrile	5.02	53	846943	252.68	ug/l	98
17) Acetone	3.82	43	710546	251.43	ug/l	97
18) Carbon Disulfide	4.11	76	932533	43.60	ug/l	99
19) Methyl Acetate	4.36	43	547742	26.76	ug/l	97
20) Methyl tert-butyl Ether	5.11	73	1323699	50.20	ug/l	97
21) Methylene Chloride	4.60	84	401248	50.97	ug/l	96
22) trans-1,2-Dichloroethene	5.12	96	340363	47.91	ug/l	95
23) Diisopropyl ether	6.03	45	1382159	49.66	ug/l	92
24) Vinyl Acetate	5.97	43	827274	89.79	ug/l	99
25) 1,1-Dichloroethane	5.93	63	812898	50.27	ug/l	99
26) 2-Butanone	6.91	43	1031785	242.45	ug/l	97
27) 2,2-Dichloropropane	6.92	77	83297	5.94	ug/l #	68
28) cis-1,2-Dichloroethene	6.92	96	422899	51.90	ug/l	93
29) Bromochloromethane	7.29	49	357674	56.99	ug/l	95
30) Tetrahydrofuran	7.31	42	675694	230.38	ug/l	92
31) Chloroform	7.46	83	763751	52.27	ug/l	99
32) Cyclohexane	7.76	56	714728	49.64	ug/l	92
33) 1,1,1-Trichloroethane	7.67	97	694203	53.29	ug/l	96
37) 1,1-Dichloropropene	7.89	75	553518	44.60	ug/l	98
38) Ethyl Acetate	7.02	43	248270	22.95	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	542489	46.49	ug/l	99
40) Methylcyclohexane	9.19	83	602626	39.87	ug/l	98
41) Benzene	8.14	78	1675585	46.27	ug/l	99
42) Methacrylonitrile	7.24	41	273190	45.53	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	676785	46.39	ug/l	95
44) Isopropyl Acetate	8.25	43	614895	31.00	ug/l	93
45) Trichloroethene	8.93	130	369025	50.73	ug/l	89
46) 1,2-Dichloropropane	9.21	63	471513	45.26	ug/l	99
47) Dibromomethane	9.31	93	279014	45.61	ug/l	93
48) Bromodichloromethane	9.49	83	605562	46.97	ug/l	99
49) Methyl methacrylate	9.29	41	436703	44.19	ug/l #	88
50) 1,4-Dioxane	9.30	88	95062	820.26	ug/l	94
52) 4-Methyl-2-Pentanone	10.07	43	2303739	219.69	ug/l	99
53) Toluene	10.26	92	962675	45.38	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	457667	31.61	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	501556	31.85	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	372369	46.71	ug/l	98
57) Ethyl methacrylate	10.52	69	600192	44.68	ug/l #	91
58) 1,3-Dichloropropane	10.80	76	686544	46.39	ug/l	98
60) 2-Hexanone	10.84	43	1541008	215.84	ug/l	100
61) Dibromochloromethane	11.00	129	379074	46.56	ug/l	99
62) 1,2-Dibromoethane	11.11	107	356227	45.47	ug/l	100
65) Tetrachloroethene	10.74	164	244802	42.29	ug/l	95
66) Chlorobenzene	11.54	112	966254	45.21	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	334742	45.92	ug/l	98
68) Ethyl Benzene	11.62	91	1811087	44.69	ug/l	99
69) m/p-Xylenes	11.73	106	1246379	89.14	ug/l	90
70) o-Xylene	12.06	106	630511	44.98	ug/l	90
71) Styrene	12.07	104	972843	42.99	ug/l	94
72) Bromoform	12.24	173	229705	45.31	ug/l	98
74) Isopropylbenzene	12.36	105	1695457	45.35	ug/l	98
75) N-amyl acetate	12.17	43	380543	22.81	ug/l	98
76) 1,1,2,2-Tetrachloroethane	12.61	83	485319	50.31	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	428901m	41.83	ug/l	
78) Bromobenzene	12.64	156	336564	45.91	ug/l	97
79) n-propylbenzene	12.71	91	1943347	44.18	ug/l	98
80) 2-Chlorotoluene	12.79	91	1198177	45.37	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1342504	44.70	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	78162	18.73	ug/l	94
83) 4-Chlorotoluene	12.89	91	1189769	45.85	ug/l	95
84) tert-Butylbenzene	13.11	119	1102493	44.49	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	1361275	45.13	ug/l	95
86) sec-Butylbenzene	13.29	105	1589720	43.79	ug/l	99
87) p-Isopropyltoluene	13.41	119	1190119	42.57	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	571091	45.53	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	558277	43.94	ug/l	95
90) n-Butylbenzene	13.74	91	1092195	40.25	ug/l	98
91) Hexachloroethane	14.01	117	271887	44.44	ug/l	94
92) 1,2-Dichlorobenzene	13.78	146	575870	46.45	ug/l	97
93) 1,2-Dibromo-3-Chloropropan	14.40	75	97871	45.72	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) 1,2,4-Trichlorobenzene	15.05	180	295086	44.06	ug/l	98
95) Hexachlorobutadiene	15.16	225	131430	37.26	ug/l	99
96) Naphthalene	15.29	128	913858	46.55	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	305031	45.82	ug/l	98

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

