

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027181.D
 Acq On : 15 Sep 2015 23:47
 Operator : MD\FY
 Sample : VN0915WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2015 11:47:44 AM

Quant Time: Sep 16 01:35:42 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	557817	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1059491	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	903410	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	339753	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	545370	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
36) Dibromofluoromethane	7.68	113	342048	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
51) Toluene-d8	10.19	98	1342815	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
63) 4-Bromofluorobenzene	12.52	95	472509	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	132551	19.86	ug/l	99
3) Chlorodifluoromethane	1.82	51	161620	20.93	ug/l	94
4) Chloromethane	2.01	50	152205	21.02	ug/l	97
5) Vinyl Chloride	2.14	62	157467	19.98	ug/l	99
6) Bromomethane	2.54	94	78847	21.32	ug/l	100
7) Chloroethane	2.69	64	103581	19.33	ug/l	100
8) Trichlorofluoromethane	3.02	101	236483	19.86	ug/l	95
9) Diethyl Ether	3.42	74	107605	19.64	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	143981	19.25	ug/l	96
11) Methyl Iodide	3.99	142	147962	20.35	ug/l	91
12) Tert butyl alcohol	4.80	59	103601	92.70	ug/l	95
13) 1,1-Dichloroethene	3.77	96	140827	19.66	ug/l	95
14) Acrolein	3.62	56	119692	91.16	ug/l	91
15) Allyl chloride	4.37	41	271450	18.76	ug/l #	83
16) Acrylonitrile	5.03	53	355943	97.39	ug/l	96
17) Acetone	3.83	43	286891	93.10	ug/l	96
18) Carbon Disulfide	4.11	76	447443	19.18	ug/l	100
19) Methyl Acetate	4.36	43	430622	19.29	ug/l	97
20) Methyl tert-butyl Ether	5.12	73	558305	19.42	ug/l	97
21) Methylene Chloride	4.60	84	171269	19.95	ug/l	97
22) trans-1,2-Dichloroethene	5.12	96	150396	19.41	ug/l	98
23) Diisopropyl ether	6.03	45	591213	19.48	ug/l #	86
24) Vinyl Acetate	5.97	43	963915	95.95	ug/l	96
25) 1,1-Dichloroethane	5.93	63	342326	19.41	ug/l	99
26) 2-Butanone	6.92	43	438230	94.44	ug/l	95
27) 2,2-Dichloropropane	6.92	77	257927	16.86	ug/l	96
28) cis-1,2-Dichloroethene	6.92	96	175806	19.79	ug/l	97
29) Bromochloromethane	7.29	49	142927	20.88	ug/l	98
30) Tetrahydrofuran	7.32	42	287520	89.90	ug/l	90
31) Chloroform	7.46	83	320111	20.09	ug/l	99
32) Cyclohexane	7.77	56	327166	20.29	ug/l #	89
33) 1,1,1-Trichloroethane	7.67	97	284359	20.02	ug/l	96
37) 1,1-Dichloropropene	7.89	75	240301	19.37	ug/l	97
38) Ethyl Acetate	7.02	43	205633	18.84	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.89	117	221355	18.98	ug/l	99
40) Methylcyclohexane	9.19	83	288007	19.07	ug/l	98
41) Benzene	8.14	78	707592	19.55	ug/l	100
42) Methacrylonitrile	7.24	41	111715	18.63	ug/l #	87
43) 1,2-Dichloroethane	8.22	62	280221	19.22	ug/l	95
44) Isopropyl Acetate	8.25	43	384672	19.41	ug/l	99
45) Trichloroethene	8.93	130	142736	19.64	ug/l	92
46) 1,2-Dichloropropane	9.22	63	197468	18.97	ug/l	100
47) Dibromomethane	9.31	93	115271	18.86	ug/l	93
48) Bromodichloromethane	9.49	83	250165	19.42	ug/l	97
49) Methyl methacrylate	9.29	41	184729	18.71	ug/l #	86
50) 1,4-Dioxane	9.30	88	42985	371.17	ug/l	95
52) 4-Methyl-2-Pentanone	10.07	43	1012222	96.60	ug/l	100
53) Toluene	10.26	92	413332	19.50	ug/l	96
54) t-1,3-Dichloropropene	10.47	75	266912	18.45	ug/l	100
55) cis-1,3-Dichloropropene	9.93	75	290699	18.47	ug/l	91
56) 1,1,2-Trichloroethane	10.66	97	158863	19.94	ug/l	99
57) Ethyl methacrylate	10.52	69	256169	19.08	ug/l #	91
58) 1,3-Dichloropropane	10.81	76	288246	19.49	ug/l	100
59) 2-Chloroethyl Vinyl ether	9.78	63	618012	100.26	ug/l	98
60) 2-Hexanone	10.84	43	677404	94.95	ug/l	99
61) Dibromochloromethane	11.00	129	156506	19.24	ug/l	99
62) 1,2-Dibromoethane	11.11	107	151502	19.35	ug/l	99
65) Tetrachloroethene	10.74	164	112407	19.46	ug/l	94
66) Chlorobenzene	11.54	112	402367	18.87	ug/l	98
67) 1,1,1,2-Tetrachloroethane	11.62	131	141449	19.44	ug/l	98
68) Ethyl Benzene	11.62	91	769167	19.02	ug/l	99
69) m/p-Xylenes	11.73	106	539005	38.63	ug/l	91
70) o-Xylene	12.06	106	273470	19.55	ug/l	94
71) Styrene	12.08	104	437228	19.36	ug/l	95
72) Bromoform	12.24	173	95844	18.94	ug/l #	98
74) Isopropylbenzene	12.36	105	716171	19.13	ug/l	99
75) N-amyl acetate	12.17	43	319170	19.10	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	209118	19.54	ug/l	97
77) 1,2,3-Trichloropropane	12.66	75	181179m	17.64	ug/l	
78) Bromobenzene	12.64	156	139709	19.03	ug/l	91
79) n-propylbenzene	12.71	91	842881	19.14	ug/l	98
80) 2-Chlorotoluene	12.79	91	508293	19.22	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	570817	18.98	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	75804	18.13	ug/l	89
83) 4-Chlorotoluene	12.89	91	498235	19.17	ug/l	97
84) tert-Butylbenzene	13.11	119	465553	18.76	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	574513	19.02	ug/l	96
86) sec-Butylbenzene	13.29	105	696991	19.17	ug/l	99
87) p-Isopropyltoluene	13.41	119	521803	18.63	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	242129	19.27	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	240837	18.93	ug/l	95
90) n-Butylbenzene	13.74	91	512823	18.87	ug/l	98
91) Hexachloroethane	14.01	117	113756	18.56	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	244757	19.71	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2-Dibromo-3-Chloropropan	14.40	75	41771	18.67	ug/l	89
94) 1,2,4-Trichlorobenzene	15.05	180	128905	19.22	ug/l	98
95) Hexachlorobutadiene	15.16	225	67386	19.08	ug/l	99
96) Naphthalene	15.29	128	379756	19.31	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	130137	19.52	ug/l	97

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

