

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027168.D
 Acq On : 15 Sep 2015 15:29
 Operator : MD\FY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 15 17:33:58 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N091515W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 17:32:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	484786	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	877070	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	732896	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	248825	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) 1,2-Dichloroethane-d4	8.12	65	8307	1.31	ug/l	0.00
Spiked Amount			Recovery	=	2.62%	
36) Dibromofluoromethane	7.68	113	5258	0.98	ug/l	0.00
Spiked Amount			Recovery	=	1.96%	
51) Toluene-d8	10.19	98	20776	0.97	ug/l	0.00
Spiked Amount			Recovery	=	1.94%	
63) 4-Bromofluorobenzene	12.52	95	7134	1.01	ug/l	0.00
Spiked Amount			Recovery	=	2.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.80	85	3762	0.97	ug/l	85
3) Chlorodifluoromethane	1.81	51	5013	0.94	ug/l	94
4) Chloromethane	2.00	50	6609	1.12	ug/l	99
5) Vinyl Chloride	2.14	62	4313	0.74	ug/l	100
6) Bromomethane	2.54	94	3140	0.97	ug/l	94
7) Chloroethane	2.69	64	3671	1.15	ug/l #	75
8) Trichlorofluoromethane	3.02	101	6606	0.95	ug/l	96
10) 1,1,2-Trichlorotrifluoroet	3.79	101	3953	0.83	ug/l #	79
11) Methyl Iodide	3.99	142	3698	0.67	ug/l #	81
12) Tert butyl alcohol	4.82	59	4743	10.46	ug/l #	93
13) 1,1-Dichloroethene	3.76	96	2089	0.45	ug/l #	62
14) Acrolein	3.62	56	1086	1.38	ug/l #	59
15) Allyl chloride	4.37	41	7376	0.94	ug/l	89
17) Acetone	3.79	43	1219	0.65	ug/l	99
18) Carbon Disulfide	4.11	76	13395	0.93	ug/l	97
20) Methyl tert-butyl Ether	5.11	73	6074	0.39	ug/l #	85
21) Methylene Chloride	4.60	84	4480	0.80	ug/l #	89
22) trans-1,2-Dichloroethene	5.12	96	3407	0.66	ug/l #	78
23) Diisopropyl ether	6.03	45	16904	1.00	ug/l #	49
24) Vinyl Acetate	6.01	43	14672	2.89	ug/l	95
25) 1,1-Dichloroethane	5.93	63	10122	1.06	ug/l #	94
28) cis-1,2-Dichloroethene	6.91	96	1654	0.27	ug/l #	1
29) Bromochloromethane	7.29	49	3435	0.74	ug/l	98
31) Chloroform	7.46	83	9845	1.02	ug/l	96
32) Cyclohexane	7.75	56	24405	2.17	ug/l #	31
33) 1,1,1-Trichloroethane	7.67	97	7158	0.87	ug/l #	53
37) 1,1-Dichloropropene	7.89	75	7346	0.89	ug/l	90
39) Carbon Tetrachloride	7.89	117	5410	0.70	ug/l	91
41) Benzene	8.14	78	19191	0.76	ug/l	97
42) Methacrylonitrile	7.25	41	1205	0.32	ug/l #	67
43) 1,2-Dichloroethane	8.22	62	7339	0.84	ug/l	83
44) Isopropyl Acetate	8.26	43	9788	0.93	ug/l #	57
45) Trichloroethene	8.94	130	3882	0.63	ug/l	82
46) 1,2-Dichloropropane	9.21	63	3386	0.51	ug/l #	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Dibromomethane	9.31	93	3656	0.93	ug/l #	56
48) Bromodichloromethane	9.50	83	7524	0.92	ug/l #	98
49) Methyl methacrylate	9.29	41	1601	0.30	ug/l #	1
50) 1,4-Dioxane	9.31	88	919	11.88	ug/l #	52
52) 4-Methyl-2-Pentanone	10.07	43	26913	4.49	ug/l	96
53) Toluene	10.26	92	11913	0.77	ug/l	87
54) t-1,3-Dichloropropene	10.48	75	7632	0.93	ug/l	89
55) cis-1,3-Dichloropropene	9.93	75	8490	0.89	ug/l #	87
56) 1,1,2-Trichloroethane	10.66	97	3912	0.66	ug/l #	85
57) Ethyl methacrylate	10.53	69	7042	0.89	ug/l #	82
58) 1,3-Dichloropropane	10.80	76	7715	0.79	ug/l #	85
59) 2-Chloroethyl Vinyl ether	9.79	63	14453	4.67	ug/l	92
60) 2-Hexanone	10.84	43	17370	4.35	ug/l	91
61) Dibromochloromethane	11.00	129	4555	0.75	ug/l	80
62) 1,2-Dibromoethane	11.11	107	4303	0.76	ug/l	100
65) Tetrachloroethene	10.74	164	3396	0.65	ug/l #	77
66) Chlorobenzene	11.54	112	11503	0.72	ug/l	96
67) 1,1,1,2-Tetrachloroethane	11.62	131	3954	0.72	ug/l #	60
68) Ethyl Benzene	11.62	91	19965	0.74	ug/l	95
69) m/p-Xylenes	11.73	106	14710	1.47	ug/l	97
70) o-Xylene	12.06	106	7369	0.75	ug/l	95
71) Styrene	12.08	104	10660	0.67	ug/l	89
72) Bromoform	12.24	173	2618	0.69	ug/l #	94
74) Isopropylbenzene	12.36	105	19513	0.91	ug/l	93
75) N-amyl acetate	12.17	43	6194	0.94	ug/l #	69
76) 1,1,1,2-Tetrachloroethane	12.61	83	6219	1.07	ug/l #	96
77) 1,2,3-Trichloropropane	12.67	75	7975	1.62	ug/l #	1
78) Bromobenzene	12.65	156	3460	0.67	ug/l	80
79) n-propylbenzene	12.71	91	22010	0.93	ug/l	97
80) 2-Chlorotoluene	12.79	91	13311	0.91	ug/l	99
81) 1,3,5-Trimethylbenzene	12.85	105	14801	0.91	ug/l	93
82) trans-1,4-Dichloro-2-buten	12.40	75	2377	1.37	ug/l	87
83) 4-Chlorotoluene	12.89	91	12184	0.86	ug/l	99
84) tert-Butylbenzene	13.11	119	11710	0.80	ug/l	82
85) 1,2,4-Trimethylbenzene	13.16	105	15257	0.93	ug/l	90
86) sec-Butylbenzene	13.29	105	17843	0.89	ug/l	99
87) p-Isopropyltoluene	13.41	119	13492	0.82	ug/l	98
88) 1,3-Dichlorobenzene	13.41	146	5980	0.67	ug/l	86
89) 1,4-Dichlorobenzene	13.41	146	5980	0.66	ug/l	84
90) n-Butylbenzene	13.74	91	11146	0.78	ug/l	91
91) Hexachloroethane	14.02	117	3167	0.97	ug/l	98
92) 1,2-Dichlorobenzene	13.78	146	6501	0.74	ug/l	91
93) 1,2-Dibromo-3-Chloropropan	14.40	75	1612	1.86	ug/l #	50
94) 1,2,4-Trichlorobenzene	15.06	180	2017	0.45	ug/l	74
95) Hexachlorobutadiene	15.16	225	1880	0.76	ug/l	86
96) Naphthalene	15.29	128	6166	0.58	ug/l #	90
97) 1,2,3-Trichlorobenzene	15.48	180	2092	0.47	ug/l	86

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

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