

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027178.D
 Acq On : 15 Sep 2015 21:57
 Operator : MD\FY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/16/2015 11:47:33 AM

Quant Time: Sep 16 01:41:09 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	580651	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1101119	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	940766	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	369354	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	591157	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
36) Dibromofluoromethane	7.68	113	375381	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
51) Toluene-d8	10.19	98	1445829	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
63) 4-Bromofluorobenzene	12.52	95	518959	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.80	85	325907	46.91	ug/l	99
3) Chlorodifluoromethane	1.82	51	400800	49.85	ug/l	94
4) Chloromethane	2.01	50	368441	47.41	ug/l	99
5) Vinyl Chloride	2.14	62	385957	47.04	ug/l	99
6) Bromomethane	2.54	94	184619	45.97	ug/l	97
7) Chloroethane	2.69	64	258268	46.30	ug/l	99
8) Trichlorofluoromethane	3.02	101	580315	46.82	ug/l	99
9) Diethyl Ether	3.42	74	264342	46.35	ug/l	88
10) 1,1,2-Trichlorotrifluoroet	3.79	101	355758	45.70	ug/l	97
11) Methyl Iodide	3.99	142	381882	50.47	ug/l	93
12) Tert butyl alcohol	4.80	59	271800	233.63	ug/l	97
13) 1,1-Dichloroethene	3.77	96	352079	47.23	ug/l	92
14) Acrolein	3.62	56	325799	238.39	ug/l	95
15) Allyl chloride	4.37	41	685289	45.51	ug/l #	82
16) Acrylonitrile	5.02	53	922373	242.45	ug/l	97
17) Acetone	3.82	43	741848	231.27	ug/l	94
18) Carbon Disulfide	4.11	76	1100296	45.32	ug/l	99
19) Methyl Acetate	4.36	43	1137115	48.94	ug/l	97
20) Methyl tert-butyl Ether	5.12	73	1395561	46.63	ug/l	96
21) Methylene Chloride	4.60	84	420442	47.05	ug/l	96
22) trans-1,2-Dichloroethene	5.12	96	378369	46.92	ug/l	93
23) Diisopropyl ether	6.04	45	1479406	46.83	ug/l	90
24) Vinyl Acetate	5.97	43	2541825	243.07	ug/l	98
25) 1,1-Dichloroethane	5.93	63	840097	45.77	ug/l	99
26) 2-Butanone	6.91	43	1150543	238.19	ug/l	97
27) 2,2-Dichloropropane	6.92	77	669961	42.07	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	439802	47.55	ug/l	96
29) Bromochloromethane	7.29	49	339625	47.67	ug/l	97
30) Tetrahydrofuran	7.31	42	747790	224.63	ug/l	92
31) Chloroform	7.46	83	791119	47.70	ug/l	98
32) Cyclohexane	7.77	56	787925	48.19	ug/l	92
33) 1,1,1-Trichloroethane	7.67	97	689989	46.66	ug/l	97
37) 1,1-Dichloropropene	7.89	75	601825	46.69	ug/l	98
38) Ethyl Acetate	7.02	43	527988	48.14	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	566114	46.72	ug/l	98
40) Methylcyclohexane	9.19	83	722973	46.06	ug/l	97
41) Benzene	8.14	78	1739655	46.26	ug/l	100
42) Methacrylonitrile	7.24	41	298316	47.88	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	698944	46.13	ug/l	95
44) Isopropyl Acetate	8.25	43	969306	47.06	ug/l	98
45) Trichloroethene	8.93	130	350706	46.43	ug/l	91
46) 1,2-Dichloropropane	9.22	63	496795	45.91	ug/l	100
47) Dibromomethane	9.31	93	286280	45.06	ug/l	95
48) Bromodichloromethane	9.49	83	623214	46.55	ug/l	98
49) Methyl methacrylate	9.29	41	478689	46.65	ug/l #	88
50) 1,4-Dioxane	9.30	88	107281	891.34	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	2491207	228.75	ug/l	99
53) Toluene	10.26	92	1017390	46.18	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	694215	46.17	ug/l	98
55) cis-1,3-Dichloropropene	9.93	75	743458	45.45	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	386108	46.64	ug/l	97
57) Ethyl methacrylate	10.52	69	653360	46.83	ug/l #	90
58) 1,3-Dichloropropane	10.81	76	717112	46.66	ug/l	99
59) 2-Chloroethyl Vinyl ether	9.78	63	1606763	250.82	ug/l	98
60) 2-Hexanone	10.84	43	1696428	228.79	ug/l	99
61) Dibromochloromethane	11.00	129	393491	46.54	ug/l	98
62) 1,2-Dibromoethane	11.11	107	377848	46.44	ug/l	100
65) Tetrachloroethene	10.74	164	275910	45.86	ug/l	95
66) Chlorobenzene	11.54	112	1015024	45.70	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	351820	46.44	ug/l	98
68) Ethyl Benzene	11.62	91	1923482	45.67	ug/l	100
69) m/p-Xylenes	11.73	106	1338314	92.10	ug/l	90
70) o-Xylene	12.06	106	675623	46.38	ug/l	92
71) Styrene	12.07	104	1115756	47.45	ug/l	95
72) Bromoform	12.24	173	245168	46.53	ug/l #	98
74) Isopropylbenzene	12.36	105	1806118	44.38	ug/l	99
75) N-amyl acetate	12.17	43	827223	45.54	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	518287	49.28	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	449435m	40.26	ug/l	
78) Bromobenzene	12.64	156	353023	44.23	ug/l	92
79) n-propylbenzene	12.71	91	2154044	44.98	ug/l	98
80) 2-Chlorotoluene	12.79	91	1282912	44.62	ug/l	95
81) 1,3,5-Trimethylbenzene	12.85	105	1469385	44.94	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	188767	41.54	ug/l	92
83) 4-Chlorotoluene	12.89	91	1302174	46.09	ug/l	95
84) tert-Butylbenzene	13.11	119	1170280	43.38	ug/l	89
85) 1,2,4-Trimethylbenzene	13.16	105	1459920	44.45	ug/l	96
86) sec-Butylbenzene	13.29	105	1775996	44.94	ug/l	99
87) p-Isopropyltoluene	13.41	119	1356172	44.55	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	620221	45.41	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	615568	44.50	ug/l	95
90) n-Butylbenzene	13.74	91	1369290	46.35	ug/l	99
91) Hexachloroethane	14.01	117	297427	44.65	ug/l	90
92) 1,2-Dichlorobenzene	13.78	146	618067	45.79	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	110272	47.37	ug/l	86
94) 1,2,4-Trichlorobenzene	15.05	180	343507	47.11	ug/l	98
95) Hexachlorobutadiene	15.16	225	174877	45.54	ug/l	99
96) Naphthalene	15.29	128	1021387	47.78	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	340532	46.98	ug/l	97

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

