

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027173.D
 Acq On : 15 Sep 2015 17:47
 Operator : MD\FY
 Sample : VSTDICC200
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC200

Manual Integrations
 APPROVED

MMDadoda
 9/16/2015 11:47:01 AM

Quant Time: Sep 15 19:01:53 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	542652	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1030287	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	900430	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	359938	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	2228931	313.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	626.92%	
36) Dibromofluoromethane	7.68	113	1390023	220.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	440.10%	
51) Toluene-d8	10.19	98	5501767	218.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	436.22%	
63) 4-Bromofluorobenzene	12.52	95	2051861	248.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	496.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	1287496	297.20	ug/l	100
3) Chlorodifluoromethane	1.81	51	1622288	271.82	ug/l	94
4) Chloromethane	2.01	50	1497209	225.95	ug/l	99
5) Vinyl Chloride	2.14	62	1505552	231.08	ug/l	99
6) Bromomethane	2.51	94	778941	215.77	ug/l	98
7) Chloroethane	2.67	64	981321	273.44	ug/l	100
8) Trichlorofluoromethane	3.01	101	2216736	283.66	ug/l	97
9) Diethyl Ether	3.42	74	1035784	295.43	ug/l	86
10) 1,1,2-Trichlorotrifluoroet	3.79	101	1387249	258.86	ug/l	96
11) Methyl Iodide	3.99	142	1476480	238.58	ug/l	92
12) Tert butyl alcohol	4.80	59	1013877	1997.70	ug/l	98
13) 1,1-Dichloroethene	3.76	96	1347216	261.87	ug/l	93
14) Acrolein	3.61	56	1304267	1478.50	ug/l	97
15) Allyl chloride	4.36	41	2651542	302.92	ug/l #	84
16) Acrylonitrile	5.02	53	3731792	1532.34	ug/l	98
17) Acetone	3.82	43	2990176	1420.89	ug/l	96
18) Carbon Disulfide	4.10	76	4352121	269.94	ug/l	99
19) Methyl Acetate	4.36	43	4485860	323.40	ug/l	96
20) Methyl tert-butyl Ether	5.11	73	5370598	308.00	ug/l	96
21) Methylene Chloride	4.59	84	1606006	256.22	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	1446433	250.54	ug/l	94
23) Diisopropyl ether	6.03	45	5733679	303.07	ug/l	93
24) Vinyl Acetate	5.97	43	10235927	1802.01	ug/l	98
25) 1,1-Dichloroethane	5.93	63	3269221	304.68	ug/l	100
26) 2-Butanone	6.91	43	4504441	1560.27	ug/l	98
27) 2,2-Dichloropropane	6.92	77	2835773	334.80	ug/l	93
28) cis-1,2-Dichloroethene	6.92	96	1682741	249.77	ug/l	93
29) Bromochloromethane	7.29	49	1267705	245.54	ug/l	98
30) Tetrahydrofuran	7.31	42	2899244	1526.70	ug/l	92
31) Chloroform	7.46	83	3029011	279.82	ug/l	98
32) Cyclohexane	7.77	56	3020729	240.19	ug/l	95
33) 1,1,1-Trichloroethane	7.67	97	2672918	291.68	ug/l	97
37) 1,1-Dichloropropene	7.89	75	2365445	244.59	ug/l	98
38) Ethyl Acetate	7.01	43	2005288	292.16	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	2155158	235.84	ug/l	100
40) Methylcyclohexane	9.19	83	2851881	243.71	ug/l	99
41) Benzene	8.14	78	6629646	222.11	ug/l	100
42) Methacrylonitrile	7.24	41	1180315	265.78	ug/l #	92
43) 1,2-Dichloroethane	8.22	62	2719599	265.03	ug/l	95
44) Isopropyl Acetate	8.25	43	3740429	300.96	ug/l	98
45) Trichloroethene	8.93	130	1366939	187.94	ug/l	90
46) 1,2-Dichloropropane	9.22	63	1870810	241.06	ug/l	100
47) Dibromomethane	9.30	93	1119074	241.92	ug/l	93
48) Bromodichloromethane	9.49	83	2424904	252.14	ug/l	100
49) Methyl methacrylate	9.29	41	1876992	297.13	ug/l #	90
50) 1,4-Dioxane	9.30	88	418549	4604.72	ug/l	97
52) 4-Methyl-2-Pentanone	10.07	43	9336793	1324.66	ug/l	99
53) Toluene	10.26	92	3951098	218.20	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	2790099	290.51	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	2947599	264.08	ug/l	93
56) 1,1,2-Trichloroethane	10.66	97	1459755	211.19	ug/l	99
57) Ethyl methacrylate	10.52	69	2512876	268.94	ug/l #	92
58) 1,3-Dichloropropane	10.81	76	2729053	238.40	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	6058092	1666.22	ug/l	97
60) 2-Hexanone	10.84	43	6423612	1368.45	ug/l	100
61) Dibromochloromethane	11.00	129	1518968	213.30	ug/l	99
62) 1,2-Dibromoethane	11.11	107	1466380	221.79	ug/l	99
65) Tetrachloroethene	10.74	164	1041138	161.96	ug/l	95
66) Chlorobenzene	11.54	112	4005333	204.18	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	1327638	195.98	ug/l	99
68) Ethyl Benzene	11.62	91	7581831	229.82	ug/l	100
69) m/p-Xylenes	11.73	106	5346623	435.84	ug/l	91
70) o-Xylene	12.06	106	2642665	218.90	ug/l	90
71) Styrene	12.07	104	4451878	229.40	ug/l	95
72) Bromoform	12.24	173	955172	203.60	ug/l #	98
74) Isopropylbenzene	12.36	105	7113429	229.05	ug/l	98
75) N-amyl acetate	12.17	43	3197398	336.39	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	1916887	227.41	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	1829664m	256.88	ug/l	
78) Bromobenzene	12.64	156	1362866	182.09	ug/l	89
79) n-propylbenzene	12.71	91	8736669	255.62	ug/l	98
80) 2-Chlorotoluene	12.79	91	5139987	242.89	ug/l	94
81) 1,3,5-Trimethylbenzene	12.85	105	5897942	249.98	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	789814	315.49	ug/l	91
83) 4-Chlorotoluene	12.89	91	5291274	258.47	ug/l	95
84) tert-Butylbenzene	13.11	119	4690670	222.06	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	5894157	247.76	ug/l	95
86) sec-Butylbenzene	13.29	105	7112869	243.89	ug/l	99
87) p-Isopropyltoluene	13.41	119	5528160	232.74	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	2499072	193.12	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	2488802	191.16	ug/l	95
90) n-Butylbenzene	13.74	91	5906499	286.82	ug/l	99
91) Hexachloroethane	14.01	117	1146547	242.34	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	2417040	189.23	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	442797	352.77	ug/l	86
94) 1,2,4-Trichlorobenzene	15.05	180	1570558	243.52	ug/l	98
95) Hexachlorobutadiene	15.16	225	709872	198.62	ug/l	98
96) Naphthalene	15.29	128	4726916	306.34	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	1538587	240.28	ug/l	97

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

