

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027176.D
 Acq On : 15 Sep 2015 20:34
 Operator : MD\FY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN091515

Manual Integrations
 APPROVED

MMDadoda
 9/16/2015 11:47:29 AM

Quant Time: Sep 16 01:39:34 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	580053	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1088878	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	933180	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	360732	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	569783	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
36) Dibromofluoromethane	7.68	113	361982	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
51) Toluene-d8	10.19	98	1399390	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
63) 4-Bromofluorobenzene	12.52	95	500726	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	327927	47.25	ug/l	99
3) Chlorodifluoromethane	1.82	51	399826	49.78	ug/l	95
4) Chloromethane	2.01	50	374520	48.22	ug/l	100
5) Vinyl Chloride	2.14	62	387548	47.28	ug/l	100
6) Bromomethane	2.54	94	189859	47.27	ug/l	99
7) Chloroethane	2.68	64	256724	46.07	ug/l	99
8) Trichlorofluoromethane	3.02	101	581603	46.97	ug/l	98
9) Diethyl Ether	3.42	74	272342	47.80	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	3.79	101	365668	47.02	ug/l	96
11) Methyl Iodide	3.99	142	388037	51.34	ug/l	93
12) Tert butyl alcohol	4.80	59	276926	238.28	ug/l	96
13) 1,1-Dichloroethene	3.77	96	346796	46.56	ug/l	94
14) Acrolein	3.62	56	370248	271.19	ug/l	96
15) Allyl chloride	4.37	41	717210	47.68	ug/l	# 85
16) Acrylonitrile	5.02	53	957284	251.89	ug/l	99
17) Acetone	3.82	43	757530	236.41	ug/l	96
18) Carbon Disulfide	4.11	76	1098419	45.29	ug/l	98
19) Methyl Acetate	4.36	43	1169178	50.38	ug/l	96
20) Methyl tert-butyl Ether	5.11	73	1412704	47.25	ug/l	96
21) Methylene Chloride	4.60	84	424533	47.56	ug/l	97
22) trans-1,2-Dichloroethene	5.12	96	375098	46.56	ug/l	95
23) Diisopropyl ether	6.03	45	1490846	47.24	ug/l	90
24) Vinyl Acetate	5.97	43	2603943m	249.27	ug/l	
25) 1,1-Dichloroethane	5.93	63	848506	46.28	ug/l	100
26) 2-Butanone	6.91	43	1184035	245.38	ug/l	96
27) 2,2-Dichloropropane	6.92	77	695631	43.73	ug/l	94
28) cis-1,2-Dichloroethene	6.92	96	437641	47.37	ug/l	93
29) Bromochloromethane	7.29	49	341281	47.95	ug/l	97
30) Tetrahydrofuran	7.31	42	762482	229.28	ug/l	92
31) Chloroform	7.46	83	790982	47.75	ug/l	99
32) Cyclohexane	7.77	56	791724	48.48	ug/l	92
33) 1,1,1-Trichloroethane	7.67	97	704306	47.68	ug/l	97
37) 1,1-Dichloropropene	7.89	75	610853	47.92	ug/l	98
38) Ethyl Acetate	7.02	43	544755	50.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	566448	47.27	ug/l	99
40) Methylcyclohexane	9.19	83	727139	46.84	ug/l	99
41) Benzene	8.14	78	1752194	47.11	ug/l	99
42) Methacrylonitrile	7.24	41	302009	49.02	ug/l #	90
43) 1,2-Dichloroethane	8.22	62	711165	47.47	ug/l	94
44) Isopropyl Acetate	8.25	43	994328	48.82	ug/l	99
45) Trichloroethene	8.93	130	357153	47.81	ug/l	90
46) 1,2-Dichloropropane	9.21	63	492513	46.03	ug/l	99
47) Dibromomethane	9.31	93	292805	46.61	ug/l	92
48) Bromodichloromethane	9.49	83	628834	47.50	ug/l	98
49) Methyl methacrylate	9.29	41	486363	47.93	ug/l #	89
50) 1,4-Dioxane	9.30	88	111928	940.40	ug/l	96
52) 4-Methyl-2-Pentanone	10.07	43	2555560	237.30	ug/l	99
53) Toluene	10.26	92	1028654	47.22	ug/l	97
54) t-1,3-Dichloropropene	10.47	75	705231	47.43	ug/l	100
55) cis-1,3-Dichloropropene	9.93	75	751918	46.49	ug/l	92
56) 1,1,2-Trichloroethane	10.66	97	391887	47.87	ug/l	98
57) Ethyl methacrylate	10.52	69	659133	47.77	ug/l #	91
58) 1,3-Dichloropropane	10.81	76	722018	47.51	ug/l	98
59) 2-Chloroethyl Vinyl ether	9.78	63	1612901	254.61	ug/l	98
60) 2-Hexanone	10.84	43	1745044	238.00	ug/l	100
61) Dibromochloromethane	11.00	129	398164	47.62	ug/l	100
62) 1,2-Dibromoethane	11.11	107	382532	47.55	ug/l	100
65) Tetrachloroethene	10.74	164	273367	45.81	ug/l	93
66) Chlorobenzene	11.54	112	1022801	46.43	ug/l	100
67) 1,1,1,2-Tetrachloroethane	11.62	131	351684	46.80	ug/l	99
68) Ethyl Benzene	11.62	91	1938322	46.40	ug/l	100
69) m/p-Xylenes	11.73	106	1355687	94.06	ug/l	91
70) o-Xylene	12.06	106	675935	46.78	ug/l	92
71) Styrene	12.07	104	1118039	47.93	ug/l	94
72) Bromoform	12.24	173	247755	47.41	ug/l #	99
74) Isopropylbenzene	12.36	105	1823405	45.87	ug/l	99
75) N-amyl acetate	12.17	43	839001	47.29	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	527656	51.52	ug/l	98
77) 1,2,3-Trichloropropane	12.66	75	458527m	42.06	ug/l	
78) Bromobenzene	12.64	156	356008	45.67	ug/l	93
79) n-propylbenzene	12.71	91	2172469	46.45	ug/l	98
80) 2-Chlorotoluene	12.79	91	1297296	46.20	ug/l	96
81) 1,3,5-Trimethylbenzene	12.85	105	1469265	46.01	ug/l	94
82) trans-1,4-Dichloro-2-buten	12.40	75	197705	44.54	ug/l	91
83) 4-Chlorotoluene	12.89	91	1295518	46.95	ug/l	96
84) tert-Butylbenzene	13.11	119	1170865	44.44	ug/l	88
85) 1,2,4-Trimethylbenzene	13.16	105	1458193	45.46	ug/l	96
86) sec-Butylbenzene	13.29	105	1780253	46.12	ug/l	99
87) p-Isopropyltoluene	13.41	119	1367934	46.01	ug/l	94
88) 1,3-Dichlorobenzene	13.41	146	622831	46.69	ug/l	96
89) 1,4-Dichlorobenzene	13.49	146	618996	45.82	ug/l	96
90) n-Butylbenzene	13.74	91	1367711	47.41	ug/l	99
91) Hexachloroethane	14.01	117	293629	45.13	ug/l	92
92) 1,2-Dichlorobenzene	13.78	146	615298	46.68	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	110177	48.49	ug/l	87
94) 1,2,4-Trichlorobenzene	15.05	180	345992	48.59	ug/l	98
95) Hexachlorobutadiene	15.16	225	176874	47.16	ug/l	98
96) Naphthalene	15.29	128	1041215	49.88	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	342410	48.37	ug/l	97

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

