

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN091515\
 Data File : VN027195.D
 Acq On : 16 Sep 2015 6:43
 Operator : MD\FY
 Sample : G3629-10MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0095MS

Manual Integrations
 APPROVED

MMDadoda
 9/16/2015 11:48:08 AM

Quant Time: Sep 16 07:04:40 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	497439	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1063488	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	903326	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	334999	50.00	ug/l	0.00

System Monitoring Compounds

34) 1,2-Dichloroethane-d4	8.12	65	568726	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
36) Dibromofluoromethane	7.68	113	368085	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
51) Toluene-d8	10.19	98	1401272	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
63) 4-Bromofluorobenzene	12.52	95	488337	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.80	85	282931	47.53	ug/l	99
3) Chlorodifluoromethane	1.82	51	347338	50.43	ug/l	94
4) Chloromethane	2.01	50	342577	51.36	ug/l	100
5) Vinyl Chloride	2.14	62	355102	50.52	ug/l	98
6) Bromomethane	2.54	94	150802	43.90	ug/l	100
7) Chloroethane	2.69	64	242377	50.72	ug/l	100
8) Trichlorofluoromethane	3.02	101	532556	50.15	ug/l	100
9) Diethyl Ether	3.42	74	255598	52.31	ug/l	84
10) 1,1,2-Trichlorotrifluoroet	3.79	101	305913	45.87	ug/l	97
11) Methyl Iodide	3.99	142	336745	51.95	ug/l	93
12) Tert butyl alcohol	4.80	59	230569	231.34	ug/l	98
13) 1,1-Dichloroethene	3.77	96	328487	51.43	ug/l	94
14) Acrolein	3.62	56	69590	59.44	ug/l	98
15) Allyl chloride	4.37	41	486779	37.73	ug/l #	82
16) Acrylonitrile	5.02	53	832119	255.31	ug/l	99
17) Acetone	3.82	43	676253	246.09	ug/l	96
18) Carbon Disulfide	4.11	76	925270	44.49	ug/l	99
19) Methyl Acetate	4.36	43	543975	27.33	ug/l	96
20) Methyl tert-butyl Ether	5.11	73	1303548	50.84	ug/l	97
21) Methylene Chloride	4.60	84	398875	52.11	ug/l	98
22) trans-1,2-Dichloroethene	5.12	96	341314	49.41	ug/l	98
23) Diisopropyl ether	6.03	45	1388036	51.28	ug/l #	91
24) Vinyl Acetate	5.97	43	858625	95.84	ug/l	99
25) 1,1-Dichloroethane	5.93	63	806837	51.31	ug/l	100
26) 2-Butanone	6.91	43	1011000	244.32	ug/l	96
27) 2,2-Dichloropropane	6.92	77	83963	6.15	ug/l #	76
28) cis-1,2-Dichloroethene	6.92	96	425936	53.76	ug/l	91
29) Bromochloromethane	7.29	49	336646	55.16	ug/l	97
30) Tetrahydrofuran	7.31	42	662082	232.16	ug/l	91
31) Chloroform	7.45	83	760295	53.51	ug/l	97
32) Cyclohexane	7.77	56	711123	50.82	ug/l	93
33) 1,1,1-Trichloroethane	7.67	97	690349	54.50	ug/l	97
37) 1,1-Dichloropropene	7.89	75	547986	44.02	ug/l	98
38) Ethyl Acetate	7.02	43	254589	23.49	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Carbon Tetrachloride	7.88	117	535221	45.73	ug/l	99
40) Methylcyclohexane	9.19	83	587804	38.77	ug/l	98
41) Benzene	8.14	78	1667154	45.90	ug/l	100
42) Methacrylonitrile	7.24	41	271713	45.15	ug/l #	91
43) 1,2-Dichloroethane	8.22	62	661696	45.22	ug/l	95
44) Isopropyl Acetate	8.25	43	608318	30.58	ug/l	93
45) Trichloroethene	8.93	130	366482	50.23	ug/l	95
46) 1,2-Dichloropropane	9.21	63	472673	45.23	ug/l	99
47) Dibromomethane	9.31	93	276795	45.11	ug/l	94
48) Bromodichloromethane	9.49	83	601767	46.54	ug/l	98
49) Methyl methacrylate	9.29	41	426764	43.06	ug/l #	88
50) 1,4-Dioxane	9.30	88	95392	820.60	ug/l	96
52) 4-Methyl-2-Pentanone	10.07	43	2260430	214.90	ug/l	99
53) Toluene	10.26	92	958840	45.07	ug/l	98
54) t-1,3-Dichloropropene	10.47	75	457238	31.49	ug/l	99
55) cis-1,3-Dichloropropene	9.93	75	502562	31.81	ug/l	94
56) 1,1,2-Trichloroethane	10.66	97	373466	46.71	ug/l	99
57) Ethyl methacrylate	10.52	69	594449	44.11	ug/l #	91
58) 1,3-Dichloropropane	10.80	76	675719	45.52	ug/l	98
60) 2-Hexanone	10.84	43	1509438	210.78	ug/l	100
61) Dibromochloromethane	11.00	129	373192	45.70	ug/l	99
62) 1,2-Dibromoethane	11.11	107	351838	44.78	ug/l	99
65) Tetrachloroethene	10.74	164	244040	42.25	ug/l	96
66) Chlorobenzene	11.54	112	949276	44.51	ug/l	99
67) 1,1,1,2-Tetrachloroethane	11.62	131	335403	46.11	ug/l	97
68) Ethyl Benzene	11.62	91	1796907	44.43	ug/l	99
69) m/p-Xylenes	11.73	106	1237935	88.72	ug/l	90
70) o-Xylene	12.06	106	630964	45.11	ug/l	90
71) Styrene	12.07	104	973111	43.10	ug/l	95
72) Bromoform	12.24	173	226669	44.81	ug/l #	100
74) Isopropylbenzene	12.36	105	1655558	44.85	ug/l	99
75) N-amyl acetate	12.17	43	386464	23.46	ug/l	99
76) 1,1,2,2-Tetrachloroethane	12.61	83	476050	49.95	ug/l	99
77) 1,2,3-Trichloropropane	12.66	75	426337m	42.11	ug/l	
78) Bromobenzene	12.64	156	334808	46.25	ug/l	99
79) n-propylbenzene	12.71	91	1908430	43.94	ug/l	98
80) 2-Chlorotoluene	12.79	91	1180326	45.26	ug/l	97
81) 1,3,5-Trimethylbenzene	12.85	105	1324404	44.66	ug/l	95
82) trans-1,4-Dichloro-2-buten	12.40	75	79895	19.38	ug/l	90
83) 4-Chlorotoluene	12.89	91	1160769	45.30	ug/l	95
84) tert-Butylbenzene	13.11	119	1097648	44.86	ug/l	90
85) 1,2,4-Trimethylbenzene	13.16	105	1316732	44.20	ug/l	96
86) sec-Butylbenzene	13.29	105	1569937	43.80	ug/l	100
87) p-Isopropyltoluene	13.41	119	1168620	42.33	ug/l	95
88) 1,3-Dichlorobenzene	13.41	146	557536	45.01	ug/l	95
89) 1,4-Dichlorobenzene	13.49	146	552851	44.07	ug/l	95
90) n-Butylbenzene	13.74	91	1053826	39.33	ug/l	99
91) Hexachloroethane	14.01	117	273929	45.34	ug/l	93
92) 1,2-Dichlorobenzene	13.78	146	573684	46.86	ug/l	96
93) 1,2-Dibromo-3-Chloropropan	14.40	75	97052	45.92	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) 1,2,4-Trichlorobenzene	15.05	180	286304	43.29	ug/l	98
95) Hexachlorobutadiene	15.16	225	131172	37.66	ug/l	98
96) Naphthalene	15.28	128	888724	45.84	ug/l	100
97) 1,2,3-Trichlorobenzene	15.47	180	294821	44.85	ug/l	97

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

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