Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080816.D
Acq On : 3 Aug 2015 23:03
Operator : TP
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF080315

Manual Integrations APPROVED
MMDadoda
8/5/2015 2:28:11 PM

Quant Time: Aug 04 15:05:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 14:50:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	259075	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	948736	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	393247	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	662256	20.00	ng		0.01
75) Chrysene-d12	13.99	240	440336	20.00	ng		0.00
86) Perylene-d12	15.39	264	397424	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1180383	75.64	ng		0.00
7) Phenol-d6	6.48	99	1610594	76.76	ng		0.01
23) Nitrobenzene-d5	7.40	82	1420443	73.52	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	312111	82.51	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1793196	68.61	ng		0.00
78) Terphenyl-d14	12.93	244	1445446	65.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	287913	36.01	ng		98
3) Pyridine	3.20	79	769696	36.55	ng		100
4) n-Nitrosodimethylamine	3.16	42	464857	39.75	ng		99
6) Aniline	6.50	93	1143831	38.12	ng		99
8) 2-Chlorophenol	6.62	128	672711	39.15	ng		88
9) Benzaldehyde	6.38	77	479808	38.36	ng		97
10) Phenol	6.49	94	983465	40.28	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	668467	38.09	ng		91
12) 1,3-Dichlorobenzene	6.77	146	700095	36.26	ng		98
13) 1,4-Dichlorobenzene	6.85	146	682570	35.46	ng		98
14) 1,2-Dichlorobenzene	7.01	146	692430	38.85	ng		96
15) Benzyl Alcohol	6.98	79	549023	38.41	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1322884	38.13	ng		100
17) 2-Methylphenol	7.09	107	542570	35.78	ng		96
18) Hexachloroethane	7.36	117	265943	37.49	ng	#	68
19) n-Nitroso-di-n-propylamine	7.26	70	544259	40.15	ng		93
20) 3+4-Methylphenols	7.25	107	666615	37.83	ng	#	87
22) Acetophenone	7.25	105	840145	36.33	ng	#	84
24) Nitrobenzene	7.42	77	793043	40.40	ng		88
25) Isophorone	7.66	82	1295570	37.53	ng		96
26) 2-Nitrophenol	7.73	139	303370	36.15	ng		93
27) 2,4-Dimethylphenol	7.78	122	620565	38.82	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	766612	36.80	ng		99
29) 2,4-Dichlorophenol	7.98	162	511244	38.10	ng		89
30) 1,2,4-Trichlorobenzene	8.06	180	554391	37.98	ng		96
31) Naphthalene	8.14	128	1775603	38.05	ng		99
32) Benzoic acid	7.90	122	378087	39.12	ng		97
33) 4-Chloroaniline	8.19	127	700473	35.63	ng		95
34) Hexachlorobutadiene	8.26	225	329090	36.73	ng		98
35) Caprolactam	8.58	113	150100	40.26	ng		96
36) 4-Chloro-3-methylphenol	8.67	107	494587	34.33	ng		97
37) 2-Methylnaphthalene	8.83	142	989431	33.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	524330	41.85	ng		99
40) Hexachlorocyclopentadiene	8.99	237	325292	42.72	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	339479	38.27	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	354858	40.79	ng	#	83
45) 1,1'-Biphenyl	9.30	154	1226476	41.21	ng		98
46) 2-Chloronaphthalene	9.32	162	981332	39.84	ng		96
47) 2-Nitroaniline	9.41	65	358314	39.31	ng		90
48) Acenaphthylene	9.73	152	1392313	36.10	ng		100
49) Dimethylphthalate	9.61	163	1056134	40.28	ng	#	98
50) 2,6-Dinitrotoluene	9.66	165	239292	42.10	ng	#	56
51) Acenaphthene	9.90	154	856755	36.82	ng		99
52) 3-Nitroaniline	9.82	138	222728	33.46	ng		85
53) 2,4-Dinitrophenol	9.93	184	126618	40.89	ng	#	70
54) Dibenzofuran	10.08	168	1127927	36.76	ng		98
55) 4-Nitrophenol	9.98	139	197173	42.21	ng	#	70
56) 2,4-Dinitrotoluene	10.06	165	292033	40.79	ng	#	59
57) Fluorene	10.42	166	920691	38.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	238471	38.27	ng		97
59) Diethylphthalate	10.29	149	965827	38.34	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	412438	35.01	ng	#	73
61) 4-Nitroaniline	10.44	138	253926	41.96	ng		93
62) Azobenzene	10.57	77	1107928	37.99	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	164528	38.28	ng	#	55
65) n-Nitrosodiphenylamine	10.53	169	863763	37.40	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	251708	34.65	ng		95
67) Hexachlorobenzene	10.97	284	331317	40.41	ng	#	96
68) Atrazine	11.06	200	223048	42.13	ng		96
69) Pentachlorophenol	11.15	266	172949	39.22	ng		99
70) Phenanthrene	11.38	178	1305226	37.87	ng		99
71) Anthracene	11.42	178	1149329	33.62	ng		99
72) Carbazole	11.58	167	1179990	40.35	ng		98
73) Di-n-butylphthalate	11.92	149	1240859	35.06	ng		100
74) Fluoranthene	12.56	202	1139999	34.84	ng		99
76) Benzidine	12.68	184	491180	37.82	ng		98
77) Pyrene	12.78	202	1136637	34.78	ng		98
79) Butylbenzylphthalate	13.41	149	521704	40.67	ng		97
80) Benzo(a)anthracene	13.97	228	977774	39.19	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	347579	39.14	ng	#	97
82) Chrysene	14.01	228	777401	31.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	614735	38.85	ng		100
84) Di-n-octyl phthalate	14.58	149	953023	38.09	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	951071	42.62	ng		100
87) Benzo(b)fluoranthene	14.99	252	794473m	34.12	ng		
88) Benzo(k)fluoranthene	15.03	252	808040m	39.76	ng		
89) Benzo(a)pyrene	15.33	252	749347	37.71	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	781213	40.52	ng		98
91) Benzo(g,h,i)perylene	17.19	276	838851	41.63	ng		97

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

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