Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083115.D
Acq On : 21 Nov 2015 15:55
Operator : UM/IZ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:23 PM

Quant Time: Nov 22 00:48:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 23:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	181674	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	681752	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	343012	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	637740	20.00	ng		0.00
75) Chrysene-d12	13.81	240	527345	20.00	ng		0.00
86) Perylene-d12	15.17	264	446827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1334026	113.09	ng		0.00
7) Phenol-d6	6.35	99	1783308	116.86	ng		0.01
23) Nitrobenzene-d5	7.24	82	1704126	115.84	ng		0.01
41) 2,4,6-Tribromophenol	10.49	330	387823	111.75	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	2644755	112.45	ng		0.01
78) Terphenyl-d14	12.76	244	2663464	120.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	346335	58.73	ng		98
3) Pyridine	3.04	79	1013771	67.93	ng		99
4) n-Nitrosodimethylamine	2.82	42	471577	63.04	ng		94
6) Aniline	6.34	93	1144193	58.82	ng	#	81
8) 2-Chlorophenol	6.46	128	706696	55.42	ng		95
9) Benzaldehyde	6.22	77	391557	50.34	ng		93
10) Phenol	6.36	94	1089961	59.36	ng		96
11) bis(2-Chloroethyl)ether	6.41	93	739484	56.22	ng		99
12) 1,3-Dichlorobenzene	6.60	146	835635	59.01	ng		98
13) 1,4-Dichlorobenzene	6.67	146	805053	55.59	ng		98
14) 1,2-Dichlorobenzene	6.83	146	740324	55.89	ng		99
15) Benzyl Alcohol	6.84	79	774349	60.38	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1154885	56.63	ng	#	39
17) 2-Methylphenol	6.96	107	590091	56.20	ng	#	86
18) Hexachloroethane	7.18	117	308571	59.04	ng	#	86
19) n-Nitroso-di-n-propylamine	7.12	70	628189	58.79	ng		97
20) 3+4-Methylphenols	7.12	107	745489	56.20	ng		95
22) Acetophenone	7.10	105	1111606	57.65	ng	#	99
24) Nitrobenzene	7.26	77	864849	54.89	ng		100
25) Isophorone	7.53	82	1638113	58.34	ng		98
26) 2-Nitrophenol	7.58	139	426432	59.83	ng		89
27) 2,4-Dimethylphenol	7.64	122	638385	56.73	ng		94
28) bis(2-Chloroethoxy)methane	7.72	93	948207	58.10	ng		97
29) 2,4-Dichlorophenol	7.83	162	599483	56.42	ng		97
30) 1,2,4-Trichlorobenzene	7.90	180	670507	57.99	ng		99
31) Naphthalene	7.98	128	2079969	58.11	ng		99
32) Benzoic acid	7.83	122	519997	57.59	ng		96
33) 4-Chloroaniline	8.04	127	805454	56.63	ng	#	87
34) Hexachlorobutadiene	8.09	225	388755	56.89	ng		97
35) Caprolactam	8.49	113	214021m	65.95	ng		
36) 4-Chloro-3-methylphenol	8.55	107	737731	59.99	ng		94
37) 2-Methylnaphthalene	8.66	142	1257976	54.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	658499	59.84	ng		97
40) Hexachlorocyclopentadiene	8.82	237	393289	60.23	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	462927	58.17	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	476533	58.71	ng		99
45) 1,1'-Biphenyl	9.13	154	1572705	55.06	ng		99
46) 2-Chloronaphthalene	9.15	162	1300203	57.87	ng		99
47) 2-Nitroaniline	9.26	65	461636	56.16	ng		97
48) Acenaphthylene	9.56	152	1954413	56.11	ng		97
49) Dimethylphthalate	9.45	163	1420708	54.91	ng		99
50) 2,6-Dinitrotoluene	9.51	165	360166	60.52	ng	#	86
51) Acenaphthene	9.74	154	1195939	56.68	ng		98
52) 3-Nitroaniline	9.68	138	399812	61.34	ng		87
53) 2,4-Dinitrophenol	9.77	184	200487	58.73	ng	#	47
54) Dibenzofuran	9.91	168	1644511	55.38	ng		99
55) 4-Nitrophenol	9.86	139	267194	55.15	ng	#	70
56) 2,4-Dinitrotoluene	9.91	165	445505	59.35	ng		90
57) Fluorene	10.25	166	1421687	57.95	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	378896	56.99	ng		95
59) Diethylphthalate	10.15	149	1507922	58.21	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	602695	54.02	ng	#	81
61) 4-Nitroaniline	10.30	138	366856	57.28	ng		94
62) Azobenzene	10.40	77	1591177	54.00	ng		85
64) 4,6-Dinitro-2-methylphenol	10.31	198	264918	58.01	ng	#	30
65) n-Nitrosodiphenylamine	10.36	169	1187396	55.67	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	417806	59.37	ng	#	84
67) Hexachlorobenzene	10.79	284	420141	54.54	ng		95
68) Atrazine	10.91	200	344624	55.33	ng		96
69) Pentachlorophenol	10.99	266	317626	61.16	ng		96
70) Phenanthrene	11.20	178	1972916	55.59	ng		97
71) Anthracene	11.26	178	2163625	58.93	ng		99
72) Carbazole	11.42	167	1851037	56.78	ng		98
73) Di-n-butylphthalate	11.76	149	2308128	57.48	ng		99
74) Fluoranthene	12.38	202	2075529	56.74	ng		97
76) Benzidine	12.51	184	810794	58.66	ng		99
77) Pyrene	12.60	202	2022751	56.94	ng		99
79) Butylbenzylphthalate	13.25	149	1048258	61.07	ng	#	87
80) Benzo(a)anthracene	13.79	228	1884496m	56.38	ng		
81) 3,3'-Dichlorobenzidine	13.77	252	686054	60.40	ng	#	96
82) Chrysene	13.83	228	1654586m	58.88	ng		
83) Bis(2-ethylhexyl)phthalate	13.81	149	1307058	59.13	ng		99
84) Di-n-octyl phthalate	14.41	149	2184000	57.64	ng		97
85) Indeno(1,2,3-cd)pyrene	16.45	276	1602612	59.86	ng		98
87) Benzo(b)fluoranthene	14.80	252	1784426m	60.19	ng		
88) Benzo(k)fluoranthene	14.82	252	1193947m	52.93	ng		
89) Benzo(a)pyrene	15.12	252	1437028	58.34	ng		98
90) Dibenzo(a,h)anthracene	16.46	278	1322081	59.13	ng	#	96
91) Benzo(g,h,i)perylene	16.82	276	1316589	60.30	ng	#	94

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

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