Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083112.D
Acq On : 21 Nov 2015 14:28
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:19 PM

Quant Time: Nov 22 00:30:13 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	189008	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	697261	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	364574	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	674438	20.00	ng		0.00
75) Chrysene-d12	13.81	240	593257	20.00	ng		0.00
86) Perylene-d12	15.17	264	513207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	670008	54.60	ng		0.01
7) Phenol-d6	6.34	99	804821	50.69	ng		0.00
23) Nitrobenzene-d5	7.23	82	786856	52.30	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	202577	54.92	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1309107	52.37	ng		0.00
78) Terphenyl-d14	12.75	244	1258446	50.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	162816	26.54	ng		98
3) Pyridine	3.14	79	402467	25.92	ng		98
4) n-Nitrosodimethylamine	2.83	42	197209	25.34	ng		99
6) Aniline	6.34	93	535887	26.48	ng	#	79
8) 2-Chlorophenol	6.46	128	364552	27.48	ng		96
9) Benzaldehyde	6.22	77	251451	31.07	ng		96
10) Phenol	6.35	94	506442	26.51	ng		86
11) bis(2-Chloroethyl)ether	6.41	93	364029	26.60	ng		94
12) 1,3-Dichlorobenzene	6.59	146	391534m	26.57	ng		
13) 1,4-Dichlorobenzene	6.67	146	411615	27.32	ng		96
14) 1,2-Dichlorobenzene	6.83	146	377948	27.43	ng		96
15) Benzyl Alcohol	6.84	79	348494	26.12	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.96	45	581386	27.40	ng	#	28
17) 2-Methylphenol	6.96	107	294897	26.99	ng	#	93
18) Hexachloroethane	7.18	117	142662	26.23	ng	#	81
19) n-Nitroso-di-n-propylamine	7.11	70	300050	26.99	ng		99
20) 3+4-Methylphenols	7.12	107	377782	27.38	ng		97
22) Acetophenone	7.10	105	532123	26.98	ng	#	97
24) Nitrobenzene	7.26	77	463608	28.77	ng		92
25) Isophorone	7.53	82	782997	27.27	ng		99
26) 2-Nitrophenol	7.58	139	196130	26.91	ng	#	80
27) 2,4-Dimethylphenol	7.63	122	301900	26.23	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	445951	26.72	ng		99
29) 2,4-Dichlorophenol	7.83	162	301336	27.73	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	317739	26.87	ng		96
31) Naphthalene	7.98	128	967261	26.42	ng		99
32) Benzoic acid	7.79	122	244885	26.52	ng		99
33) 4-Chloroaniline	8.03	127	402117	27.64	ng		99
34) Hexachlorobutadiene	8.09	225	184883	26.45	ng		98
35) Caprolactam	8.49	113	97531	29.38	ng		91
36) 4-Chloro-3-methylphenol	8.54	107	311907	24.80	ng	#	85
37) 2-Methylnaphthalene	8.66	142	673028	28.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	298519	25.52	ng		97
40) Hexachlorocyclopentadiene	8.82	237	175917	25.35	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	219274	25.92	ng		96
43) 2,4,5-Trichlorophenol	8.99	196	219761	25.48	ng	#	83
45) 1,1'-Biphenyl	9.13	154	841093	27.71	ng		96
46) 2-Chloronaphthalene	9.14	162	624339	26.14	ng		94
47) 2-Nitroaniline	9.26	65	224481	25.69	ng		97
48) Acenaphthylene	9.56	152	979894	26.47	ng		99
49) Dimethylphthalate	9.45	163	765711	27.85	ng		99
50) 2,6-Dinitrotoluene	9.50	165	160331	25.35	ng	#	81
51) Acenaphthene	9.74	154	564996	25.19	ng		98
52) 3-Nitroaniline	9.67	138	166544	24.04	ng		97
53) 2,4-Dinitrophenol	9.77	184	95189	26.23	ng	#	76
54) Dibenzofuran	9.91	168	844046	26.74	ng		92
55) 4-Nitrophenol	9.86	139	140179	27.22	ng	#	83
56) 2,4-Dinitrotoluene	9.90	165	211256	26.48	ng	#	87
57) Fluorene	10.24	166	654947	25.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	191505	27.10	ng		99
59) Diethylphthalate	10.15	149	724537	26.31	ng		97
60) 4-Chlorophenyl-phenylether	10.24	204	321497	27.11	ng	#	84
61) 4-Nitroaniline	10.28	138	180507	26.52	ng		96
62) Azobenzene	10.40	77	851660	27.19	ng		88
64) 4,6-Dinitro-2-methylphenol	10.31	198	122553	25.38	ng		93
65) n-Nitrosodiphenylamine	10.36	169	638665	28.31	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	195511	26.27	ng	#	76
67) Hexachlorobenzene	10.79	284	223419	27.42	ng		94
68) Atrazine	10.91	200	195352	29.66	ng		98
69) Pentachlorophenol	10.99	266	142110	25.88	ng		98
70) Phenanthrene	11.20	178	1067112	28.43	ng		99
71) Anthracene	11.25	178	1006530	25.92	ng		99
72) Carbazole	11.42	167	957760	27.78	ng		99
73) Di-n-butylphthalate	11.76	149	1168023	27.51	ng		100
74) Fluoranthene	12.38	202	1025838	26.52	ng		100
76) Benzidine	12.51	184	444547	28.59	ng		99
77) Pyrene	12.61	202	1095627	27.42	ng		99
79) Butylbenzylphthalate	13.25	149	506183	26.21	ng		87
80) Benzo(a)anthracene	13.79	228	964535	25.65	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	332698	26.03	ng	#	95
82) Chrysene	13.83	228	917666	29.03	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	658118	26.46	ng	#	98
84) Di-n-octyl phthalate	14.42	149	1157903	27.16	ng		98
85) Indeno(1,2,3-cd)pyrene	16.45	276	764947	25.40	ng		97
87) Benzo(b)fluoranthene	14.80	252	980557m	28.80	ng		
88) Benzo(k)fluoranthene	14.82	252	613941m	23.70	ng		
89) Benzo(a)pyrene	15.11	252	729037	25.77	ng	#	97
90) Dibenzo(a,h)anthracene	16.46	278	641398	24.98	ng		99
91) Benzo(g,h,i)perylene	16.82	276	621099	24.77	ng		97

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

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