Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082765.D
Acq On : 6 Nov 2015 17:03
Operator : UM/IZ
Sample : PB86450BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:18 PM

Quant Time: Nov 07 03:11:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	163940	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	610303	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	333008	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	626957	20.00	ng		0.00
75) Chrysene-d12	14.01	240	540112	20.00	ng		-0.01
86) Perylene-d12	15.45	264	515719	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	792985	75.26	ng		0.01
7) Phenol-d6	6.49	99	1037525	74.07	ng		0.01
23) Nitrobenzene-d5	7.41	82	980989	69.94	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	293592	76.89	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1720525	74.05	ng		0.00
78) Terphenyl-d14	12.96	244	1696717	74.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	137753	30.30	ng		96
3) Pyridine	3.24	79	396898	30.09	ng		98
4) n-Nitrosodimethylamine	3.18	42	218418	33.38	ng		88
6) Aniline	6.51	93	400772	20.38	ng		97
8) 2-Chlorophenol	6.64	128	418880	35.86	ng		94
9) Benzaldehyde	6.38	77	46377	5.99	ng		100
10) Phenol	6.50	94	595311	37.46	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	399040	33.57	ng	#	78
12) 1,3-Dichlorobenzene	6.80	146	438106m	33.26	ng		
13) 1,4-Dichlorobenzene	6.86	146	433695	31.64	ng		98
14) 1,2-Dichlorobenzene	7.02	146	447723	35.92	ng		98
15) Benzyl Alcohol	6.99	79	417931	33.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	629248	36.09	ng		93
17) 2-Methylphenol	7.10	107	336023	33.96	ng		97
18) Hexachloroethane	7.37	117	168733	34.42	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	323854	31.45	ng		90
20) 3+4-Methylphenols	7.26	107	463001	36.00	ng		98
22) Acetophenone	7.26	105	616308	35.24	ng	#	90
24) Nitrobenzene	7.44	77	512956	35.76	ng		98
25) Isophorone	7.68	82	875013	33.72	ng		99
26) 2-Nitrophenol	7.74	139	202986	33.90	ng		88
27) 2,4-Dimethylphenol	7.79	122	363026	33.75	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	517788	35.37	ng		99
29) 2,4-Dichlorophenol	8.00	162	382612	39.35	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	377692	34.54	ng		97
31) Naphthalene	8.16	128	1106603	32.86	ng		99
32) Benzoic acid	7.92	122	233575	31.71	ng		91
33) 4-Chloroaniline	8.20	127	212631	14.65	ng		93
34) Hexachlorobutadiene	8.28	225	232195	33.93	ng		99
35) Caprolactam	8.57	113	113091	36.90	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	432749	37.85	ng		90
37) 2-Methylnaphthalene	8.85	142	809444	37.16	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	385330	35.21	ng		99
40) Hexachlorocyclopentadiene	9.01	237	490761	83.47	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	273639	33.50	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	265142	32.82	ng	#	87
45) 1,1'-Biphenyl	9.31	154	913439	31.97	ng		95
46) 2-Chloronaphthalene	9.33	162	731497	32.82	ng		94
47) 2-Nitroaniline	9.42	65	261302	31.60	ng		93
48) Acenaphthylene	9.76	152	1267827	36.29	ng		99
49) Dimethylphthalate	9.62	163	937429	34.36	ng		100
50) 2,6-Dinitrotoluene	9.68	165	217932	37.44	ng		88
51) Acenaphthene	9.93	154	935664	42.26	ng		100
52) 3-Nitroaniline	9.84	138	114669	17.91	ng		90
53) 2,4-Dinitrophenol	9.95	184	265408	83.04	ng	#	16
54) Dibenzofuran	10.10	168	1110072	37.19	ng		93
55) 4-Nitrophenol	10.01	139	358337	72.96	ng		88
56) 2,4-Dinitrotoluene	10.08	165	256197	32.44	ng	#	93
57) Fluorene	10.44	166	922439	38.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	233086	35.35	ng		92
59) Diethylphthalate	10.32	149	900622	33.81	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	390042	32.25	ng	#	83
61) 4-Nitroaniline	10.45	138	197328	30.65	ng		88
62) Azobenzene	10.59	77	1011402	35.34	ng		90
64) 4,6-Dinitro-2-methylphenol	10.49	198	170378	38.14	ng		98
65) n-Nitrosodiphenylamine	10.56	169	771947	34.08	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	266006	35.24	ng	#	81
67) Hexachlorobenzene	10.99	284	289107	34.30	ng	#	78
68) Atrazine	11.08	200	283533	40.48	ng		97
69) Pentachlorophenol	11.18	266	397109	77.58	ng		99
70) Phenanthrene	11.40	178	1410625	38.74	ng		98
71) Anthracene	11.45	178	1234390	32.19	ng		99
72) Carbazole	11.60	167	1218257	36.29	ng		98
73) Di-n-butylphthalate	11.94	149	1344006	32.13	ng		100
74) Fluoranthene	12.58	202	1339374	34.28	ng		98
76) Benzidine	12.71	184	492475	27.21	ng		98
77) Pyrene	12.81	202	1332695	35.93	ng		99
79) Butylbenzylphthalate	13.44	149	609851	37.22	ng		99
80) Benzo(a)anthracene	14.00	228	1309882	38.78	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	271072	22.58	ng		98
82) Chrysene	14.04	228	1322787	42.76	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	896868	39.99	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1513548	40.46	ng		96
85) Indeno(1,2,3-cd)pyrene	16.83	276	1007951	37.83	ng		100
87) Benzo(b)fluoranthene	15.04	252	1087565	32.85	ng	#	98
88) Benzo(k)fluoranthene	15.07	252	1156388m	39.38	ng		
89) Benzo(a)pyrene	15.39	252	1064604	37.12	ng	#	98
90) Dibenzo(a,h)anthracene	16.85	278	846212	34.84	ng		99
91) Benzo(g,h,i)perylene	17.25	276	802872	34.51	ng		99

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

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