Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091899.D
Acq On : 22 Dec 2016 21:16
Operator : UM/SJ
Sample : PB95563BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Manual Integrations APPROVED
SOHIL
12/23/2016 5:53:15 PM

Quant Time: Dec 23 04:09:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	206921	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	868186	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	417671	20.00	ng		0.00
63) Phenanthrene-d10	11.28	188	612931	20.00	ng		0.01
75) Chrysene-d12	13.91	240	415526	20.00	ng		0.00
86) Perylene-d12	15.30	264	408723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1679010	135.49	ng		0.07
7) Phenol-d6	6.45	99	2028681	134.08	ng		0.05
23) Nitrobenzene-d5	7.32	82	1262183	80.84	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	396396	114.68	ng		0.01
44) 2-Fluorobiphenyl	9.12	172	2152894	109.30	ng		0.00
78) Terphenyl-d14	12.85	244	1750952	102.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	208516	34.18	ng		96
3) Pyridine	3.06	79	637722	29.95	ng		97
4) n-Nitrosodimethylamine	3.02	42	305591	38.05	ng		90
6) Aniline	6.42	93	362122	18.43	ng	#	45
8) 2-Chlorophenol	6.56	128	553740	39.28	ng		92
9) Benzaldehyde	6.29	77	85218	7.49	ng		92
10) Phenol	6.46	94	641789	37.22	ng		86
11) bis(2-Chloroethyl)ether	6.50	93	626746	45.69	ng		98
12) 1,3-Dichlorobenzene	6.69	146	632880	42.06	ng	#	94
13) 1,4-Dichlorobenzene	6.77	146	654068	42.70	ng		96
14) 1,2-Dichlorobenzene	6.92	146	534813	40.24	ng		96
15) Benzyl Alcohol	6.92	79	521093	44.33	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	847249	41.47	ng		96
17) 2-Methylphenol	7.06	107	497386	43.87	ng		99
18) Hexachloroethane	7.26	117	232956	41.02	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	451714	44.88	ng		98
20) 3+4-Methylphenols	7.22	107	689234	50.97	ng	#	73
22) Acetophenone	7.17	105	931881	43.52	ng	#	89
24) Nitrobenzene	7.34	77	694785	41.78	ng		94
25) Isophorone	7.58	82	1160271	40.28	ng		96
26) 2-Nitrophenol	7.65	139	250835	30.59	ng		93
27) 2,4-Dimethylphenol	7.72	122	522837	38.44	ng		96
28) bis(2-Chloroethoxy)methane	7.80	93	788377	45.13	ng		99
29) 2,4-Dichlorophenol	7.93	162	495685	43.04	ng		94
30) 1,2,4-Trichlorobenzene	7.98	180	539506	42.75	ng		95
31) Naphthalene	8.06	128	1762873	44.37	ng		99
32) Benzoic acid	7.86	122	185085	18.35	ng		97
33) 4-Chloroaniline	8.12	127	221310	12.35	ng		99
34) Hexachlorobutadiene	8.18	225	297881	44.71	ng		99
35) Caprolactam	8.50	113	148215	39.16	ng	#	68
36) 4-Chloro-3-methylphenol	8.64	107	519383	39.19	ng		99
37) 2-Methylnaphthalene	8.75	142	1080978	44.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	511392	48.46	ng		99
40) Hexachlorocyclopentadiene	8.90	237	242942	53.10	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	286046	38.76	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	275217	36.24	ng	#	88
45) 1,1'-Biphenyl	9.22	154	1433171	50.11	ng		99
46) 2-Chloronaphthalene	9.24	162	1038487	45.85	ng		96
47) 2-Nitroaniline	9.34	65	318331	39.48	ng		94
48) Acenaphthylene	9.65	152	1503355	43.16	ng		99
49) Dimethylphthalate	9.53	163	1304542	48.83	ng		99
50) 2,6-Dinitrotoluene	9.58	165	224984	38.48	ng	#	67
51) Acenaphthene	9.82	154	954646	40.43	ng		99
52) 3-Nitroaniline	9.77	138	241717	33.41	ng	#	72
53) 2,4-Dinitrophenol	9.87	184	21946	6.75	ng	#	82
54) Dibenzofuran	10.00	168	1332459	41.78	ng		98
55) 4-Nitrophenol	9.97	139	322764m	65.70	ng		
56) 2,4-Dinitrotoluene	9.98	165	250965	34.20	ng	#	80
57) Fluorene	10.34	166	1002908	43.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	211557	35.22	ng		98
59) Diethylphthalate	10.22	149	1263697	48.71	ng		95
60) 4-Chlorophenyl-phenylether	10.34	204	473534	46.61	ng	#	78
61) 4-Nitroaniline	10.37	138	228484	30.47	ng		95
62) Azobenzene	10.49	77	1229898	43.06	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	27054	7.30	ng	#	63
65) n-Nitrosodiphenylamine	10.45	169	878592	48.31	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	293968	46.11	ng		96
67) Hexachlorobenzene	10.89	284	314849	46.20	ng		96
68) Atrazine	10.99	200	306673	52.27	ng		96
69) Pentachlorophenol	11.09	266	171298	51.23	ng		99
70) Phenanthrene	11.30	178	1468660	44.19	ng		99
71) Anthracene	11.34	178	1365011	47.05	ng		99
72) Carbazole	11.52	167	1303319	50.21	ng		99
73) Di-n-butylphthalate	11.84	149	1746147	56.49	ng		99
74) Fluoranthene	12.48	202	1397944	48.22	ng		98
76) Benzidine	12.61	184	280675	23.28	ng		95
77) Pyrene	12.71	202	1281482	42.03	ng		99
79) Butylbenzylphthalate	13.33	149	679707	49.02	ng		96
80) Benzo(a)anthracene	13.89	228	1022694	43.60	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	290630	32.68	ng		98
82) Chrysene	13.94	228	1080891	45.94	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	883819	54.12	ng		100
84) Di-n-octyl phthalate	14.51	149	1539188	50.88	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	809622	39.72	ng		98
87) Benzo(b)fluoranthene	14.91	252	1075316m	42.26	ng		
88) Benzo(k)fluoranthene	14.95	252	1125772m	51.88	ng		
89) Benzo(a)pyrene	15.25	252	1044459	46.24	ng	#	96
90) Dibenzo(a,h)anthracene	16.66	278	679322	36.59	ng		98
91) Benzo(g,h,i)perylene	17.05	276	648301	33.58	ng		97

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

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