Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091724.D
Acq On : 18 Dec 2016 1:40
Operator : UM/SJ
Sample : PB95409BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Manual Integrations APPROVED
umangi
12/20/2016 11:40:53 AM

Quant Time: Dec 18 03:26:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	289911	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1183583	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	664850	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1064941	20.00	ng		0.00
75) Chrysene-d12	13.93	240	760998	20.00	ng		0.00
86) Perylene-d12	15.33	264	817335	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	2582221	149.23	ng		0.01
7) Phenol-d6	6.42	99	2682232	127.10	ng		0.00
23) Nitrobenzene-d5	7.34	82	1929175	94.00	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	656946	116.53	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3110904	94.00	ng		0.00
78) Terphenyl-d14	12.88	244	2758551	91.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	364462	42.77	ng		97
3) Pyridine	3.10	79	983147	35.81	ng		97
4) n-Nitrosodimethylamine	3.07	42	470201	44.26	ng		98
6) Aniline	6.44	93	483446	17.80	ng	#	49
8) 2-Chlorophenol	6.56	128	810000	42.53	ng		98
9) Benzaldehyde	6.30	77	131613	8.02	ng		86
10) Phenol	6.43	94	944137	39.69	ng		86
11) bis(2-Chloroethyl)ether	6.51	93	822831	43.31	ng		100
12) 1,3-Dichlorobenzene	6.70	146	847431m	40.51	ng		
13) 1,4-Dichlorobenzene	6.78	146	859018	40.59	ng		98
14) 1,2-Dichlorobenzene	6.94	146	837324	45.16	ng		96
15) Benzyl Alcohol	6.92	79	734445	44.95	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1269646	43.74	ng		99
17) 2-Methylphenol	7.04	107	724738	45.53	ng		98
18) Hexachloroethane	7.29	117	345948	43.99	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	613111	43.68	ng		96
20) 3+4-Methylphenols	7.20	107	884429	49.81	ng	#	83
22) Acetophenone	7.18	105	1207351	42.25	ng	#	99
24) Nitrobenzene	7.36	77	920387	41.76	ng		97
25) Isophorone	7.60	82	1820633	46.49	ng		96
26) 2-Nitrophenol	7.68	139	516786	48.61	ng		91
27) 2,4-Dimethylphenol	7.72	122	856965	49.41	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	1134312	49.51	ng		99
29) 2,4-Dichlorophenol	7.92	162	715243	44.71	ng		89
30) 1,2,4-Trichlorobenzene	8.00	180	753066	43.44	ng	#	95
31) Naphthalene	8.08	128	2339119	41.37	ng		100
32) Benzoic acid	7.86	122	607055	49.11	ng		97
33) 4-Chloroaniline	8.13	127	281590	11.82	ng		94
34) Hexachlorobutadiene	8.20	225	432690	44.39	ng		99
35) Caprolactam	8.51	113	278115m	54.03	ng		
36) 4-Chloro-3-methylphenol	8.62	107	835454	47.34	ng		99
37) 2-Methylnaphthalene	8.77	142	1731897	48.58	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	666592	40.23	ng		99
40) Hexachlorocyclopentadiene	8.92	237	771838	109.89	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	549000	46.37	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	534984	45.99	ng	#	85
45) 1,1'-Biphenyl	9.24	154	2042853	42.87	ng		98
46) 2-Chloronaphthalene	9.26	162	1551768	43.57	ng		97
47) 2-Nitroaniline	9.36	65	516890	42.51	ng		99
48) Acenaphthylene	9.68	152	2470465	44.77	ng		100
49) Dimethylphthalate	9.55	163	1973507	45.44	ng		100
50) 2,6-Dinitrotoluene	9.61	165	475077	49.89	ng	#	86
51) Acenaphthene	9.85	154	1678337	44.32	ng		99
52) 3-Nitroaniline	9.77	138	215564	18.18	ng		90
53) 2,4-Dinitrophenol	9.88	184	522418	101.56	ng	#	78
54) Dibenzofuran	10.02	168	2124235	47.17	ng		100
55) 4-Nitrophenol	9.95	139	728604	88.50	ng		96
56) 2,4-Dinitrotoluene	10.01	165	560795	47.15	ng		96
57) Fluorene	10.36	166	1674144	47.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	415443	43.20	ng		99
59) Diethylphthalate	10.25	149	1927241	45.14	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	671849	42.17	ng		99
61) 4-Nitroaniline	10.38	138	407543	36.28	ng		99
62) Azobenzene	10.51	77	2026087	44.61	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	354029	50.40	ng		95
65) n-Nitrosodiphenylamine	10.48	169	1532838	46.35	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	507562	45.45	ng		97
67) Hexachlorobenzene	10.91	284	541831	46.30	ng	#	90
68) Atrazine	11.00	200	505607	50.59	ng		98
69) Pentachlorophenol	11.10	266	562884	89.14	ng		98
70) Phenanthrene	11.32	178	2580904m	48.50	ng		
71) Anthracene	11.37	178	2308929m	40.97	ng		
72) Carbazole	11.53	167	2358259	47.85	ng		99
73) Di-n-butylphthalate	11.86	149	2582600	40.87	ng		100
74) Fluoranthene	12.50	202	2271797	40.88	ng		100
76) Benzidine	12.62	184	524073	23.92	ng		97
77) Pyrene	12.73	202	2269981	41.30	ng		99
79) Butylbenzylphthalate	13.36	149	1217578	47.34	ng		97
80) Benzo(a)anthracene	13.92	228	2002395	46.00	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	464935	26.69	ng		97
82) Chrysene	13.95	228	1923559	42.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1412961	43.31	ng		98
84) Di-n-octyl phthalate	14.53	149	2913497	48.46	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2104994	47.45	ng		99
87) Benzo(b)fluoranthene	14.93	252	2033819m	39.24	ng		
88) Benzo(k)fluoranthene	14.97	252	2022724m	55.62	ng		
89) Benzo(a)pyrene	15.28	252	1919421	43.15	ng		100
90) Dibenzo(a,h)anthracene	16.71	278	1689353	43.57	ng		99
91) Benzo(g,h,i)perylene	17.09	276	1731636	43.94	ng	#	95

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

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