Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094313.D
Acq On : 10 Apr 2017 16:10
Operator : SJ/MA
Sample : PB98147BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98147BS

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:07 PM

Quant Time: Apr 11 01:33:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	163351	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	653302	20.00	ng		-0.02
38) Acenaphthene-d10	9.49	164	297867	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	515835	20.00	ng		-0.01
75) Chrysene-d12	14.56	240	379908	20.00	ng		-0.01
86) Perylene-d12	16.18	264	269514	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1151752	119.09	ng		0.02
7) Phenol-d6	5.49	99	1456291	121.72	ng		0.02
23) Nitrobenzene-d5	6.49	82	923657	80.69	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	323341	137.37	ng		0.00
44) 2-Fluorobiphenyl	8.67	172	1696987	86.90	ng		-0.02
78) Terphenyl-d14	13.29	244	1413704	83.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	133837	28.80	ng		98
3) Pyridine	2.70	79	422797	33.39	ng		99
4) n-Nitrosodimethylamine	2.66	42	203802	39.11	ng		91
6) Aniline	5.47	93	406352	24.42	ng		94
8) 2-Chlorophenol	5.62	128	456408	42.93	ng		98
9) Benzaldehyde	5.33	77	154844	19.17	ng		99
10) Phenol	5.50	94	551645	40.52	ng		89
11) bis(2-Chloroethyl)ether	5.55	93	433456	40.74	ng		98
12) 1,3-Dichlorobenzene	5.77	146	476647	39.97	ng		98
13) 1,4-Dichlorobenzene	5.86	146	485746	40.22	ng		98
14) 1,2-Dichlorobenzene	6.03	146	442300	39.77	ng		97
15) Benzyl Alcohol	6.02	79	344757	39.37	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.17	45	568635	34.68	ng		50
17) 2-Methylphenol	6.18	107	371016	40.75	ng		95
18) Hexachloroethane	6.43	117	170351	40.13	ng	#	88
19) n-Nitroso-di-n-propylamine	6.33	70	330398	42.97	ng		96
20) 3+4-Methylphenols	6.36	107	524705	47.59	ng	#	62
22) Acetophenone	6.32	105	639520	43.92	ng	#	86
24) Nitrobenzene	6.52	77	462468	40.96	ng		95
25) Isophorone	6.80	82	839106	41.71	ng		96
26) 2-Nitrophenol	6.89	139	258634	48.04	ng		98
27) 2,4-Dimethylphenol	6.97	122	415602	44.80	ng		98
28) bis(2-Chloroethoxy)methane	7.06	93	547084	41.24	ng		98
29) 2,4-Dichlorophenol	7.20	162	395581	45.60	ng		97
30) 1,2,4-Trichlorobenzene	7.28	180	378458	42.36	ng		99
31) Naphthalene	7.37	128	1273654	40.55	ng		99
32) Benzoic acid	7.16	122	249905	40.46	ng		98
33) 4-Chloroaniline	7.44	127	180254	14.16	ng		95
34) Hexachlorobutadiene	7.52	225	192497	42.01	ng		99
35) Caprolactam	7.89	113	130152m	47.05	ng		
36) 4-Chloro-3-methylphenol	8.09	107	413103	45.58	ng		91
37) 2-Methylnaphthalene	8.22	142	902824	43.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	332752	40.84	ng		99
40) Hexachlorocyclopentadiene	8.41	237	330094	86.57	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	269013	46.66	ng		98
43) 2,4,5-Trichlorophenol	8.64	196	271902	43.59	ng		93
45) 1,1'-Biphenyl	8.79	154	1012776	42.15	ng		98
46) 2-Chloronaphthalene	8.81	162	810162	43.08	ng		95
47) 2-Nitroaniline	8.94	65	245734	44.05	ng		89
48) Acenaphthylene	9.32	152	1262948	40.41	ng		99
49) Dimethylphthalate	9.18	163	975830	46.09	ng		99
50) 2,6-Dinitrotoluene	9.25	165	219532	45.23	ng	#	89
51) Acenaphthene	9.53	154	758497	41.59	ng		100
52) 3-Nitroaniline	9.45	138	114878	20.16	ng		94
53) 2,4-Dinitrophenol	9.59	184	200768	77.45	ng	#	72
54) Dibenzofuran	9.74	168	1071207	43.15	ng		98
55) 4-Nitrophenol	9.73	139	439078m	98.37	ng		
56) 2,4-Dinitrotoluene	9.74	165	256256	42.03	ng	#	62
57) Fluorene	10.16	166	827579	40.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	197515	46.15	ng		99
59) Diethylphthalate	10.05	149	937639	44.80	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	353311	40.28	ng		91
61) 4-Nitroaniline	10.21	138	227201	41.54	ng		94
62) Azobenzene	10.36	77	902141	45.57	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	144363	45.70	ng	#	77
65) n-Nitrosodiphenylamine	10.32	169	787917	44.17	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	229310	45.20	ng		96
67) Hexachlorobenzene	10.84	284	233712	45.51	ng	#	90
68) Atrazine	11.00	200	225409	42.19	ng		96
69) Pentachlorophenol	11.10	266	204129	63.86	ng		98
70) Phenanthrene	11.34	178	1230992	42.90	ng		100
71) Anthracene	11.40	178	1276727	43.21	ng		99
72) Carbazole	11.61	167	1198877	39.57	ng		99
73) Di-n-butylphthalate	12.06	149	1445797	45.89	ng		98
74) Fluoranthene	12.80	202	1259895	42.88	ng		98
76) Benzidine	12.97	184	409703	27.25	ng	#	92
77) Pyrene	13.08	202	1271864	46.13	ng		99
79) Butylbenzylphthalate	13.89	149	605209	51.52	ng	#	84
80) Benzo(a)anthracene	14.55	228	985756	44.50	ng		99
81) 3,3'-Dichlorobenzidine	14.52	252	206632	26.09	ng	#	96
82) Chrysene	14.59	228	859583	41.81	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	809217	50.49	ng	#	99
84) Di-n-octyl phthalate	15.36	149	1304121	48.71	ng		97
85) Indeno(1,2,3-cd)pyrene	17.51	276	739307	41.52	ng		99
87) Benzo(b)fluoranthene	15.78	252	777924	47.09	ng		98
88) Benzo(k)fluoranthene	15.82	252	690200m	42.70	ng		
89) Benzo(a)pyrene	16.13	252	683094	44.90	ng		98
90) Dibenzo(a,h)anthracene	17.53	278	610676	47.40	ng		98
91) Benzo(g,h,i)perylene	17.90	276	632696	48.73	ng		98

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

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