Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093435.D
Acq On : 8 Mar 2017 18:23
Operator : SJ/MA
Sample : PB97426BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97426BS

Manual Integrations APPROVED
mohammad
3/10/2017 8:11:44 AM

Quant Time: Mar 09 00:05:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	195453	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	778023	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	381668	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	684958	20.00	ng		0.01
75) Chrysene-d12	13.93	240	580164	20.00	ng		0.01
86) Perylene-d12	15.34	264	440164	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1331105	113.35	ng		0.01
7) Phenol-d6	6.42	99	1790847	120.93	ng		0.01
23) Nitrobenzene-d5	7.34	82	1090088	77.74	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	340034	136.74	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	1814882	88.45	ng		0.00
78) Terphenyl-d14	12.87	244	1490912	66.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	199236	30.80	ng	#	83
3) Pyridine	3.04	79	491115	29.78	ng		89
4) n-Nitrosodimethylamine	3.00	42	275553	34.98	ng		84
6) Aniline	6.44	93	193745	9.53	ng	#	19
8) 2-Chlorophenol	6.55	128	494324	37.57	ng		97
9) Benzaldehyde	6.32	77	74047	5.73	ng		96
10) Phenol	6.44	94	630911	34.77	ng	#	74
11) bis(2-Chloroethyl)ether	6.50	93	513436	35.01	ng		95
12) 1,3-Dichlorobenzene	6.70	146	527104	35.00	ng	#	93
13) 1,4-Dichlorobenzene	6.78	146	547350	35.50	ng		97
14) 1,2-Dichlorobenzene	6.94	146	468297	34.30	ng		94
15) Benzyl Alcohol	6.93	79	399067	37.80	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	844809	34.67	ng		83
17) 2-Methylphenol	7.04	107	412599	37.07	ng		94
18) Hexachloroethane	7.27	117	184844	35.54	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	391718	38.47	ng		96
20) 3+4-Methylphenols	7.20	107	572165	39.64	ng	#	74
22) Acetophenone	7.19	105	685282	36.60	ng	#	94
24) Nitrobenzene	7.36	77	594576	37.73	ng		93
25) Isophorone	7.60	82	1069863	37.84	ng		97
26) 2-Nitrophenol	7.68	139	281449	39.14	ng		88
27) 2,4-Dimethylphenol	7.73	122	496320	42.43	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	639477	35.82	ng		98
29) 2,4-Dichlorophenol	7.93	162	436102	39.63	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	433971	37.08	ng		97
31) Naphthalene	8.07	128	1351252	34.66	ng		100
32) Benzoic acid	7.89	122	286713	47.17	ng		96
33) 4-Chloroaniline	8.15	127	109423	6.92	ng		97
34) Hexachlorobutadiene	8.18	225	211044	35.01	ng		99
35) Caprolactam	8.52	113	150129m	39.95	ng		
36) 4-Chloro-3-methylphenol	8.64	107	487483	41.51	ng		95
37) 2-Methylnaphthalene	8.77	142	916475	36.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	411957	39.53	ng		99
40) Hexachlorocyclopentadiene	8.92	237	221668	83.64	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	276045	42.39	ng		92
43) 2,4,5-Trichlorophenol	9.11	196	274853	39.34	ng	#	87
45) 1,1'-Biphenyl	9.24	154	1110483	39.94	ng		99
46) 2-Chloronaphthalene	9.26	162	903943	42.47	ng		99
47) 2-Nitroaniline	9.36	65	297061	39.48	ng		89
48) Acenaphthylene	9.67	152	1370868	39.06	ng		98
49) Dimethylphthalate	9.53	163	1029473	40.69	ng		98
50) 2,6-Dinitrotoluene	9.61	165	225838	40.68	ng	#	76
51) Acenaphthene	9.84	154	850301	40.97	ng		97
52) 3-Nitroaniline	9.78	138	67655	10.14	ng		87
53) 2,4-Dinitrophenol	9.90	184	220399	87.17	ng	#	57
54) Dibenzofuran	10.01	168	1172443	45.13	ng		96
55) 4-Nitrophenol	9.97	139	266399	82.23	ng		94
56) 2,4-Dinitrotoluene	10.02	165	282226	41.38	ng	#	68
57) Fluorene	10.36	166	921613	41.87	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	211093	42.81	ng		99
59) Diethylphthalate	10.23	149	963055	39.82	ng		100
60) 4-Chlorophenyl-phenylether	10.34	204	422954	42.86	ng		88
61) 4-Nitroaniline	10.40	138	248233	36.39	ng		84
62) Azobenzene	10.50	77	1251585	45.55	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	166865	37.60	ng		90
65) n-Nitrosodiphenylamine	10.47	169	836323	36.57	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	264918	36.57	ng	#	85
67) Hexachlorobenzene	10.90	284	250101	36.16	ng		93
68) Atrazine	11.00	200	220609	32.95	ng		99
69) Pentachlorophenol	11.11	266	208531	87.33	ng		97
70) Phenanthrene	11.32	178	1386769	35.47	ng		99
71) Anthracene	11.36	178	1426986	36.08	ng		99
72) Carbazole	11.53	167	1337292	35.99	ng		97
73) Di-n-butylphthalate	11.85	149	1637664	38.10	ng	#	97
74) Fluoranthene	12.50	202	1417661	37.54	ng		96
76) Benzidine	12.63	184	276307	14.48	ng		96
77) Pyrene	12.73	202	1449970	34.36	ng		99
79) Butylbenzylphthalate	13.35	149	706197	39.76	ng	#	81
80) Benzo(a)anthracene	13.92	228	1170553	34.17	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	233822	19.49	ng	#	95
82) Chrysene	13.96	228	1006642	31.76	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	914337	36.93	ng		100
84) Di-n-octyl phthalate	14.52	149	1629782	39.50	ng		97
85) Indeno(1,2,3-cd)pyrene	16.72	276	838135	31.59	ng	#	93
87) Benzo(b)fluoranthene	14.95	252	1150620m	42.92	ng		
88) Benzo(k)fluoranthene	14.97	252	829721m	32.09	ng		
89) Benzo(a)pyrene	15.29	252	932560	38.06	ng		97
90) Dibenzo(a,h)anthracene	16.72	278	710445	35.05	ng		97
91) Benzo(g,h,i)perylene	17.13	276	716242	34.43	ng	#	94

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

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