Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094491.D
Acq On : 18 Apr 2017 17:31
Operator : SJ/MA
Sample : PB98306BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Manual Integrations APPROVED
mohammad
4/19/2017 1:33:24 PM

Quant Time: Apr 19 02:05:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	123210	20.00	ng		0.01
21) Naphthalene-d8	7.27	136	496495	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	214989	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	400115	20.00	ng		0.00
75) Chrysene-d12	14.47	240	356498	20.00	ng		0.00
86) Perylene-d12	16.09	264	281895	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	970341	130.66	ng		0.03
7) Phenol-d6	5.41	99	1192524	136.21	ng		0.02
23) Nitrobenzene-d5	6.42	82	745315	92.69	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	252237	150.00	ng		0.00
44) 2-Fluorobiphenyl	8.60	172	1312456	89.82	ng		0.00
78) Terphenyl-d14	13.20	244	1235243	92.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	140730	32.58	ng		97
3) Pyridine	2.67	79	368689	39.06	ng		98
4) n-Nitrosodimethylamine	2.62	42	160905	41.20	ng		91
6) Aniline	5.41	93	298876	25.69	ng	#	79
8) 2-Chlorophenol	5.55	128	364315	43.11	ng		97
9) Benzaldehyde	5.28	77	73347	11.01	ng		97
10) Phenol	5.42	94	460451	42.81	ng		90
11) bis(2-Chloroethyl)ether	5.49	93	347533	44.23	ng		99
12) 1,3-Dichlorobenzene	5.71	146	393277	42.01	ng		98
13) 1,4-Dichlorobenzene	5.80	146	409245	43.45	ng		97
14) 1,2-Dichlorobenzene	5.97	146	363915	41.94	ng		94
15) Benzyl Alcohol	5.95	79	285857	44.01	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	466950	45.33	ng		78
17) 2-Methylphenol	6.10	107	304649	45.77	ng		96
18) Hexachloroethane	6.36	117	142445	44.11	ng		89
19) n-Nitroso-di-n-propylamine	6.27	70	249674	43.04	ng		96
20) 3+4-Methylphenols	6.28	107	401593	44.40	ng	#	63
22) Acetophenone	6.25	105	500047	41.42	ng	#	87
24) Nitrobenzene	6.45	77	374505	44.23	ng		92
25) Isophorone	6.74	82	677820	45.48	ng		95
26) 2-Nitrophenol	6.82	139	211735	46.55	ng		97
27) 2,4-Dimethylphenol	6.90	122	336897	45.59	ng		97
28) bis(2-Chloroethoxy)methane	7.00	93	441352	45.78	ng		99
29) 2,4-Dichlorophenol	7.12	162	314223	45.71	ng		97
30) 1,2,4-Trichlorobenzene	7.21	180	313337	44.09	ng		99
31) Naphthalene	7.30	128	1060375	44.43	ng		100
32) Benzoic acid	7.07	122	131471	33.65	ng		94
33) 4-Chloroaniline	7.37	127	90154	9.08	ng	#	93
34) Hexachlorobutadiene	7.45	225	150022	42.34	ng		99
35) Caprolactam	7.82	113	104466m	48.38	ng		
36) 4-Chloro-3-methylphenol	8.00	107	319888	44.41	ng		91
37) 2-Methylnaphthalene	8.14	142	734090	44.95	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	274033	44.76	ng		99
40) Hexachlorocyclopentadiene	8.33	237	260995	105.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	198953	46.28	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	209545	47.46	ng	#	91
45) 1,1'-Biphenyl	8.71	154	748359	42.60	ng		98
46) 2-Chloronaphthalene	8.72	162	640453	45.86	ng		94
47) 2-Nitroaniline	8.86	65	184964	46.04	ng		88
48) Acenaphthylene	9.23	152	959567	44.07	ng		99
49) Dimethylphthalate	9.11	163	803618	50.16	ng		98
50) 2,6-Dinitrotoluene	9.17	165	180466	50.18	ng	#	89
51) Acenaphthene	9.44	154	583625	44.75	ng		99
52) 3-Nitroaniline	9.37	138	79431	19.09	ng		93
53) 2,4-Dinitrophenol	9.51	184	131249	68.18	ng	#	74
54) Dibenzofuran	9.66	168	852505	44.98	ng		99
55) 4-Nitrophenol	9.63	139	271164	92.25	ng	#	69
56) 2,4-Dinitrotoluene	9.67	165	216957	49.17	ng	#	88
57) Fluorene	10.08	166	700154	47.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	159420	50.38	ng		96
59) Diethylphthalate	9.97	149	768363	50.83	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	303247	49.37	ng		94
61) 4-Nitroaniline	10.12	138	186804	44.16	ng		97
62) Azobenzene	10.28	77	745010	50.76	ng		97
64) 4,6-Dinitro-2-methylphenol	10.17	198	115195	43.94	ng	#	73
65) n-Nitrosodiphenylamine	10.24	169	658339	47.31	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	185522	46.70	ng		96
67) Hexachlorobenzene	10.75	284	180484	45.08	ng	#	90
68) Atrazine	10.91	200	191758	46.06	ng		96
69) Pentachlorophenol	11.01	266	159689	100.44	ng		97
70) Phenanthrene	11.25	178	1004162	44.57	ng		98
71) Anthracene	11.32	178	1045170	44.84	ng		98
72) Carbazole	11.52	167	1000085	45.72	ng		97
73) Di-n-butylphthalate	11.97	149	1191217	49.46	ng		99
74) Fluoranthene	12.71	202	1078758	46.20	ng		99
76) Benzidine	12.88	184	374150	25.92	ng	#	93
77) Pyrene	12.99	202	1105682	44.39	ng		98
79) Butylbenzylphthalate	13.81	149	550376	50.42	ng	#	84
80) Benzo(a)anthracene	14.46	228	939293	45.33	ng		100
81) 3,3'-Dichlorobenzidine	14.43	252	170900	23.30	ng		98
82) Chrysene	14.50	228	855193	45.16	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	761926	51.99	ng		99
84) Di-n-octyl phthalate	15.28	149	1181896	48.08	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	786597	43.66	ng		99
87) Benzo(b)fluoranthene	15.69	252	813664	47.18	ng		98
88) Benzo(k)fluoranthene	15.72	252	704190m	43.15	ng		
89) Benzo(a)pyrene	16.04	252	724853	45.18	ng		100
90) Dibenzo(a,h)anthracene	17.38	278	648151	48.66	ng		97
91) Benzo(g,h,i)perylene	17.74	276	664951	49.03	ng		98

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

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