Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094708.D
Acq On : 30 Apr 2017 12:21
Operator : SJ/MA
Sample : PB98544BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Manual Integrations APPROVED
mohammad
5/1/2017 7:50:41 PM

Quant Time: May 01 16:22:44 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	5.77	152	114307	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	467342	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	217569	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	390641	20.00	ng		0.00
75) Chrysene-d12	14.47	240	298236	20.00	ng		0.00
86) Perylene-d12	16.09	264	210841	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	866164	125.72	ng		0.03
7) Phenol-d6	5.40	99	1018529	125.40	ng		0.00
23) Nitrobenzene-d5	6.42	82	629350	83.15	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	230515	135.45	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1213230	82.05	ng		0.00
78) Terphenyl-d14	13.19	244	1086616	97.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	104156	25.99	ng		95
3) Pyridine	2.69	79	302519	34.54	ng		99
4) n-Nitrosodimethylamine	2.63	42	137084	37.83	ng		86
6) Aniline	5.40	93	316739	29.34	ng	#	85
8) 2-Chlorophenol	5.54	128	329110	41.98	ng		97
9) Benzaldehyde	5.27	77	56646	9.17	ng		97
10) Phenol	5.42	94	394803	39.57	ng		92
11) bis(2-Chloroethyl)ether	5.48	93	300110	41.17	ng		97
12) 1,3-Dichlorobenzene	5.70	146	348922	40.17	ng		98
13) 1,4-Dichlorobenzene	5.79	146	351139	40.18	ng		96
14) 1,2-Dichlorobenzene	5.97	146	323496	40.19	ng		94
15) Benzyl Alcohol	5.95	79	248597	41.26	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	384628	40.24	ng		58
17) 2-Methylphenol	6.10	107	262430	42.50	ng	#	90
18) Hexachloroethane	6.35	117	121969	40.71	ng	#	87
19) n-Nitroso-di-n-propylamine	6.26	70	228699	42.49	ng		94
20) 3+4-Methylphenols	6.28	107	364951	43.50	ng	#	63
22) Acetophenone	6.24	105	457572	40.27	ng	#	86
24) Nitrobenzene	6.44	77	323081	40.54	ng		94
25) Isophorone	6.73	82	588700	41.96	ng		95
26) 2-Nitrophenol	6.81	139	184456	43.08	ng		96
27) 2,4-Dimethylphenol	6.89	122	287238	41.30	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	377820	41.63	ng		100
29) 2,4-Dichlorophenol	7.12	162	285862	44.18	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	275556	41.19	ng		98
31) Naphthalene	7.29	128	910903	40.54	ng		100
32) Benzoic acid	7.04	122	26762	7.28	ng		98
33) 4-Chloroaniline	7.37	127	95173	10.18	ng	#	91
34) Hexachlorobutadiene	7.44	225	140328	42.08	ng		100
35) Caprolactam	7.85	113	93786m	46.14	ng		
36) 4-Chloro-3-methylphenol	8.00	107	297241	43.84	ng		92
37) 2-Methylnaphthalene	8.13	142	641539	41.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	254260	41.04	ng		99
40) Hexachlorocyclopentadiene	8.32	237	228896	91.33	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	193579	44.49	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	198978	44.53	ng	#	91
45) 1,1'-Biphenyl	8.70	154	743296	41.81	ng		98
46) 2-Chloronaphthalene	8.72	162	590897	41.81	ng		94
47) 2-Nitroaniline	8.87	65	170944	42.04	ng	#	75
48) Acenaphthylene	9.22	152	922580	41.87	ng		99
49) Dimethylphthalate	9.10	163	717471	44.25	ng		99
50) 2,6-Dinitrotoluene	9.17	165	161599	44.40	ng		92
51) Acenaphthene	9.44	154	547365	41.48	ng		99
52) 3-Nitroaniline	9.37	138	107019	25.42	ng		90
53) 2,4-Dinitrophenol	9.52	184	43757	26.32	ng	#	68
54) Dibenzofuran	9.65	168	820556	42.78	ng		97
55) 4-Nitrophenol	9.63	139	35616m	11.97	ng		
56) 2,4-Dinitrotoluene	9.67	165	210817	47.21	ng		94
57) Fluorene	10.07	166	630949	42.24	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	137246	42.86	ng		96
59) Diethylphthalate	9.97	149	686645	44.88	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	272498	43.84	ng		94
61) 4-Nitroaniline	10.14	138	163722	38.25	ng		96
62) Azobenzene	10.28	77	639702	43.07	ng		93
64) 4,6-Dinitro-2-methylphenol	10.17	198	55359	21.63	ng	#	73
65) n-Nitrosodiphenylamine	10.23	169	590089	43.43	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	173985	44.85	ng		99
67) Hexachlorobenzene	10.75	284	169140	43.27	ng	#	88
68) Atrazine	10.91	200	173702	42.74	ng		95
69) Pentachlorophenol	11.01	266	120803	77.83	ng		99
70) Phenanthrene	11.25	178	931817	42.36	ng		98
71) Anthracene	11.31	178	979749	43.06	ng		99
72) Carbazole	11.52	167	889024	41.63	ng		98
73) Di-n-butylphthalate	11.97	149	1091579	46.42	ng		99
74) Fluoranthene	12.71	202	971741	42.62	ng		99
76) Benzidine	12.89	184	291845	24.17	ng	#	93
77) Pyrene	12.99	202	966336	46.38	ng		98
79) Butylbenzylphthalate	13.81	149	462366	50.63	ng		87
80) Benzo(a)anthracene	14.46	228	758479	43.76	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	154329	25.15	ng	#	95
82) Chrysene	14.51	228	676851	42.73	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	629075	51.31	ng	#	99
84) Di-n-octyl phthalate	15.28	149	1000318	48.64	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	554017	36.75	ng		99
87) Benzo(b)fluoranthene	15.70	252	605021	46.91	ng		98
88) Benzo(k)fluoranthene	15.73	252	552876	45.30	ng	#	93
89) Benzo(a)pyrene	16.04	252	523161	43.60	ng		98
90) Dibenzo(a,h)anthracene	17.40	278	454983	45.67	ng		99
91) Benzo(g,h,i)perylene	17.76	276	466107	45.95	ng		99

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

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