Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092861.D
Acq On : 8 Feb 2017 18:57
Operator : SJ/MA
Sample : PB96817BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96817BS

Manual Integrations APPROVED
mohammad
2/9/2017 12:31:16 PM

Quant Time: Feb 09 00:19:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 23:48:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139136	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	563119	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	322205	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	532083	20.00	ng		0.00
75) Chrysene-d12	14.07	240	481925	20.00	ng		0.00
86) Perylene-d12	15.51	264	402930	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1038326	128.03	ng		0.01
7) Phenol-d6	6.54	99	1454116	139.35	ng		0.01
23) Nitrobenzene-d5	7.46	82	819974	81.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	295560	126.83	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1543411	86.78	ng		-0.01
78) Terphenyl-d14	13.00	244	1518520	74.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	163422	37.29	ng		87
3) Pyridine	3.30	79	452591	40.62	ng	#	85
4) n-Nitrosodimethylamine	3.26	42	231076	44.16	ng		90
6) Aniline	6.56	93	276398	19.42	ng	#	75
8) 2-Chlorophenol	6.68	128	407081	45.50	ng		96
9) Benzaldehyde	6.44	77	159594	21.35	ng		98
10) Phenol	6.56	94	533649	43.71	ng		79
11) bis(2-Chloroethyl)ether	6.64	93	432753	44.41	ng		98
12) 1,3-Dichlorobenzene	6.83	146	442967m	42.27	ng		
13) 1,4-Dichlorobenzene	6.91	146	456392	43.03	ng		97
14) 1,2-Dichlorobenzene	7.07	146	423152m	41.72	ng		
15) Benzyl Alcohol	7.04	79	340556	44.08	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	685471	40.49	ng		93
17) 2-Methylphenol	7.16	107	365697	47.64	ng		95
18) Hexachloroethane	7.40	117	154792	42.75	ng		88
19) n-Nitroso-di-n-propylamine	7.31	70	285780	43.02	ng		97
20) 3+4-Methylphenols	7.31	107	409655	44.64	ng		90
22) Acetophenone	7.31	105	536007	41.69	ng	#	91
24) Nitrobenzene	7.48	77	482822	46.50	ng		91
25) Isophorone	7.72	82	833501	44.23	ng		99
26) 2-Nitrophenol	7.80	139	233505	47.31	ng	#	78
27) 2,4-Dimethylphenol	7.84	122	373328	43.07	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	498566	39.95	ng		100
29) 2,4-Dichlorophenol	8.04	162	380088	47.01	ng		94
30) 1,2,4-Trichlorobenzene	8.12	180	383785	44.05	ng		96
31) Naphthalene	8.20	128	1169870	40.98	ng		99
32) Benzoic acid	7.96	122	213601	44.16	ng		97
33) 4-Chloroaniline	8.25	127	136340	12.18	ng		96
34) Hexachlorobutadiene	8.32	225	190110	39.66	ng		99
35) Caprolactam	8.62	113	122347m	48.11	ng		
36) 4-Chloro-3-methylphenol	8.74	107	385531	45.74	ng		100
37) 2-Methylnaphthalene	8.90	142	831141	45.35	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	348052	38.48	ng		99
40) Hexachlorocyclopentadiene	9.05	237	327139	80.17	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	253277	42.62	ng		92
43) 2,4,5-Trichlorophenol	9.22	196	270795	41.59	ng	#	89
45) 1,1'-Biphenyl	9.36	154	947737	40.62	ng		98
46) 2-Chloronaphthalene	9.38	162	742106	40.66	ng		96
47) 2-Nitroaniline	9.48	65	262528	42.78	ng		94
48) Acenaphthylene	9.80	152	1273605	40.39	ng		98
49) Dimethylphthalate	9.66	163	967541	44.58	ng		100
50) 2,6-Dinitrotoluene	9.72	165	193887	41.37	ng	#	82
51) Acenaphthene	9.97	154	776997	41.22	ng		96
52) 3-Nitroaniline	9.89	138	100124	18.67	ng		84
53) 2,4-Dinitrophenol	10.01	184	191310	80.22	ng		95
54) Dibenzofuran	10.14	168	1122040	44.50	ng		93
55) 4-Nitrophenol	10.06	139	314004	81.28	ng		94
56) 2,4-Dinitrotoluene	10.13	165	302954	48.55	ng	#	82
57) Fluorene	10.49	166	858391	44.25	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.26	232	209443	48.22	ng		94
59) Diethylphthalate	10.36	149	909869	44.49	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	370419	39.75	ng		89
61) 4-Nitroaniline	10.51	138	215358	39.20	ng		90
62) Azobenzene	10.64	77	960858	45.47	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	138343	43.01	ng		82
65) n-Nitrosodiphenylamine	10.60	169	760368	44.73	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	237625	42.75	ng		91
67) Hexachlorobenzene	11.04	284	243848	44.39	ng		96
68) Atrazine	11.13	200	252085	46.21	ng		98
69) Pentachlorophenol	11.23	266	243913	85.47	ng		97
70) Phenanthrene	11.45	178	1217938	39.95	ng		98
71) Anthracene	11.50	178	1331600	43.50	ng		97
72) Carbazole	11.65	167	1074271	36.71	ng		99
73) Di-n-butylphthalate	11.98	149	1515358	47.88	ng	#	97
74) Fluoranthene	12.64	202	1324848	42.13	ng		96
76) Benzidine	12.75	184	361809	17.62	ng		97
77) Pyrene	12.86	202	1333684	36.98	ng		99
79) Butylbenzylphthalate	13.48	149	651720	44.50	ng		85
80) Benzo(a)anthracene	14.05	228	1095105	37.15	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	227470	21.65	ng	#	94
82) Chrysene	14.09	228	989589m	35.86	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	861000	42.99	ng	#	93
84) Di-n-octyl phthalate	14.65	149	1460309	44.77	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	997261	46.65	ng		95
87) Benzo(b)fluoranthene	15.09	252	1141198	43.03	ng		97
88) Benzo(k)fluoranthene	15.12	252	907217m	39.62	ng		
89) Benzo(a)pyrene	15.45	252	972067	42.37	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	827277	44.62	ng		96
91) Benzo(g,h,i)perylene	17.38	276	837399	44.71	ng	#	91

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

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