Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084447.D
Acq On : 13 Jan 2016 17:54
Operator : SJ/UM
Sample : PB87794BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87794BS

Quant Time: Jan 14 13:53:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 13:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	285832	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1251749	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	579612	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	1077633	20.00	ng		0.00
75) Chrysene-d12	14.00	240	912001	20.00	ng		0.00
86) Perylene-d12	15.41	264	691279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1695704	95.96	ng		0.01
7) Phenol-d6	6.48	99	2245212	101.16	ng		0.00
23) Nitrobenzene-d5	7.40	82	1374650	61.12	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	571098	97.60	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2172091	64.39	ng		0.00
78) Terphenyl-d14	12.95	244	2167586	53.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	264927	31.65	ng	#	78
3) Pyridine	3.23	79	716557	30.70	ng	#	78
4) n-Nitrosodimethylamine	3.17	42	353592	29.51	ng	#	90
6) Aniline	6.50	93	469052	14.45	ng	#	43
8) 2-Chlorophenol	6.62	128	737339	36.78	ng		97
9) Benzaldehyde	6.37	77	157008	10.86	ng		91
10) Phenol	6.50	94	829748	32.88	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	716664	36.66	ng		97
12) 1,3-Dichlorobenzene	6.77	146	720078m	34.82	ng		
13) 1,4-Dichlorobenzene	6.85	146	750319	36.18	ng		93
14) 1,2-Dichlorobenzene	7.00	146	640359	32.24	ng		97
15) Benzyl Alcohol	6.98	79	564753	30.25	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1103891	31.01	ng		86
17) 2-Methylphenol	7.10	107	628276	37.39	ng		96
18) Hexachloroethane	7.34	117	279759	33.73	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	484595	32.25	ng	#	76
20) 3+4-Methylphenols	7.25	107	707375	35.81	ng	#	71
22) Acetophenone	7.24	105	942427	31.31	ng		96
24) Nitrobenzene	7.42	77	747556	32.77	ng	#	85
25) Isophorone	7.66	82	1405485	32.67	ng		96
26) 2-Nitrophenol	7.73	139	361533	34.82	ng	#	81
27) 2,4-Dimethylphenol	7.78	122	661290	31.47	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	853699	32.49	ng		98
29) 2,4-Dichlorophenol	7.98	162	623312	35.61	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	619405	34.27	ng	#	95
31) Naphthalene	8.14	128	2038822	35.90	ng		99
32) Benzoic acid	7.90	122	341332	28.21	ng		95
33) 4-Chloroaniline	8.19	127	283335	10.88	ng		98
34) Hexachlorobutadiene	8.26	225	328587	31.63	ng		98
35) Caprolactam	8.57	113	213924m	36.25	ng		
36) 4-Chloro-3-methylphenol	8.69	107	690715	35.23	ng		92
37) 2-Methylnaphthalene	8.83	142	1321454	32.41	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	563757	33.83	ng		99
40) Hexachlorocyclopentadiene	8.99	237	566362	56.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	420537	33.73	ng		94
43) 2,4,5-Trichlorophenol	9.16	196	420479	35.18	ng	#	92
45) 1,1'-Biphenyl	9.30	154	1600159	34.74	ng		99
46) 2-Chloronaphthalene	9.32	162	1205838	33.33	ng		94
47) 2-Nitroaniline	9.42	65	461178	38.62	ng	#	75
48) Acenaphthylene	9.73	152	1819340	34.03	ng		97
49) Dimethylphthalate	9.61	163	1548362	37.37	ng	#	91
50) 2,6-Dinitrotoluene	9.66	165	342230	37.66	ng	#	73
51) Acenaphthene	9.90	154	1332206	37.15	ng		98
52) 3-Nitroaniline	9.82	138	177772	15.79	ng		97
53) 2,4-Dinitrophenol	9.94	184	310018	80.08	ng	#	87
54) Dibenzofuran	10.08	168	1660297	35.10	ng		92
55) 4-Nitrophenol	10.01	139	494157	60.45	ng	#	77
56) 2,4-Dinitrotoluene	10.06	165	407434	35.42	ng	#	88
57) Fluorene	10.42	166	1208237	33.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	360971	35.38	ng		90
59) Diethylphthalate	10.30	149	1465457	35.87	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	610923	39.32	ng		95
61) 4-Nitroaniline	10.44	138	342897	34.16	ng		90
62) Azobenzene	10.58	77	1621952	36.20	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	231919	35.33	ng		86
65) n-Nitrosodiphenylamine	10.53	169	1127361	32.72	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	406494	35.05	ng		96
67) Hexachlorobenzene	10.97	284	417748	32.00	ng	#	87
68) Atrazine	11.07	200	391989	34.77	ng		95
69) Pentachlorophenol	11.16	266	420046	62.05	ng		97
70) Phenanthrene	11.38	178	1917388	34.02	ng		97
71) Anthracene	11.44	178	2034123	36.81	ng		97
72) Carbazole	11.60	167	1905892	35.28	ng		98
73) Di-n-butylphthalate	11.93	149	2216281	36.75	ng	#	96
74) Fluoranthene	12.57	202	1943858	33.01	ng		98
76) Benzidine	12.69	184	421037	12.88	ng		99
77) Pyrene	12.80	202	1991552	27.83	ng		98
79) Butylbenzylphthalate	13.43	149	998558	32.24	ng	#	89
80) Benzo(a)anthracene	13.99	228	1694619	31.65	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	406097	21.73	ng	#	96
82) Chrysene	14.02	228	1414407	27.49	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	1165228	29.78	ng	#	94
84) Di-n-octyl phthalate	14.59	149	1936713	29.32	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.80	276	1196256	29.33	ng		98
87) Benzo(b)fluoranthene	15.01	252	1686270m	37.29	ng		
88) Benzo(k)fluoranthene	15.04	252	1148819m	31.06	ng		
89) Benzo(a)pyrene	15.36	252	1315129	34.29	ng		97
90) Dibenzo(a,h)anthracene	16.81	278	977008	29.60	ng		97
91) Benzo(g,h,i)perylene	17.21	276	1009468	29.53	ng		97

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

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