Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082881.D
Acq On : 10 Nov 2015 20:45
Operator : UM/IZ
Sample : PB86543BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86543BS

Quant Time: Nov 13 18:13:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	254565	20.00	ng		-0.03
21) Naphthalene-d8	8.11	136	967933	20.00	ng		-0.03
38) Acenaphthene-d10	9.86	164	492825	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	964265	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	763905	20.00	ng		-0.03
86) Perylene-d12	15.40	264	654731	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1636177	100.00	ng		-0.02
7) Phenol-d6	6.46	99	2199865	101.14	ng		-0.01
23) Nitrobenzene-d5	7.38	82	1403766	63.10	ng		-0.03
41) 2,4,6-Tribromophenol	10.65	330	516225	91.36	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	2120087	61.66	ng		-0.03
78) Terphenyl-d14	12.93	244	2361019	73.31	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	214644	30.41	ng		98
3) Pyridine	3.16	79	667367	32.58	ng		94
4) n-Nitrosodimethylamine	3.10	42	281919	27.75	ng	#	72
6) Aniline	6.48	93	522269	17.10	ng	#	1
8) 2-Chlorophenol	6.60	128	548209	30.23	ng		85
9) Benzaldehyde	6.35	77	50920	4.24	ng		97
10) Phenol	6.48	94	871736	35.32	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	629691	34.12	ng		87
12) 1,3-Dichlorobenzene	6.76	146	617829m	30.20	ng		
13) 1,4-Dichlorobenzene	6.83	146	585183	27.50	ng		98
14) 1,2-Dichlorobenzene	6.99	146	621938	32.13	ng		98
15) Benzyl Alcohol	6.97	79	578367	30.28	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	7.10	45	928129	34.28	ng		97
17) 2-Methylphenol	7.08	107	492166	32.04	ng		97
18) Hexachloroethane	7.33	117	234771	30.84	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	483944	30.27	ng	#	84
20) 3+4-Methylphenols	7.24	107	625676	31.33	ng	#	61
22) Acetophenone	7.23	105	823855	29.71	ng	#	95
24) Nitrobenzene	7.40	77	729376	32.06	ng		95
25) Isophorone	7.64	82	1273187	30.93	ng	#	98
26) 2-Nitrophenol	7.72	139	330096	34.76	ng	#	62
27) 2,4-Dimethylphenol	7.77	122	575069	33.71	ng		93
28) bis(2-Chloroethoxy)methane	7.86	93	782882	33.72	ng		98
29) 2,4-Dichlorophenol	7.96	162	500372	32.45	ng		88
30) 1,2,4-Trichlorobenzene	8.05	180	540395	31.16	ng		94
31) Naphthalene	8.12	128	1586732	29.71	ng		99
32) Benzoic acid	7.89	122	356228	30.50	ng		87
33) 4-Chloroaniline	8.17	127	209627	9.11	ng		94
34) Hexachlorobutadiene	8.25	225	308454	28.42	ng		99
35) Caprolactam	8.54	113	170630m	35.10	ng		
36) 4-Chloro-3-methylphenol	8.67	107	607486	33.50	ng	#	84
37) 2-Methylnaphthalene	8.82	142	1079912	31.26	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	536548	33.13	ng		98
40) Hexachlorocyclopentadiene	8.98	237	517956	59.53	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	395707	32.73	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	382433	31.99	ng	#	80
45) 1,1'-Biphenyl	9.29	154	1408953	33.32	ng		97
46) 2-Chloronaphthalene	9.31	162	1102727	33.43	ng		98
47) 2-Nitroaniline	9.40	65	411132	33.60	ng	#	75
48) Acenaphthylene	9.72	152	1636505	31.66	ng		99
49) Dimethylphthalate	9.60	163	1291148	31.98	ng	#	96
50) 2,6-Dinitrotoluene	9.64	165	258675	30.02	ng		92
51) Acenaphthene	9.89	154	1078711	32.92	ng		100
52) 3-Nitroaniline	9.81	138	166350	17.56	ng	#	62
53) 2,4-Dinitrophenol	9.92	184	254186	53.74	ng	#	24
54) Dibenzofuran	10.06	168	1360887	30.81	ng		94
55) 4-Nitrophenol	9.98	139	447010	61.50	ng		83
56) 2,4-Dinitrotoluene	10.05	165	435942	37.29	ng	#	71
57) Fluorene	10.41	166	1079308	30.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	339646	34.81	ng	#	83
59) Diethylphthalate	10.29	149	1341460	34.03	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	555901	31.06	ng		91
61) 4-Nitroaniline	10.43	138	309399	32.47	ng	#	69
62) Azobenzene	10.56	77	1483546	35.03	ng		89
64) 4,6-Dinitro-2-methylphenol	10.45	198	189085	27.52	ng	#	52
65) n-Nitrosodiphenylamine	10.52	169	1015293	29.15	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	335547	28.90	ng	#	72
67) Hexachlorobenzene	10.96	284	359423	27.72	ng	#	85
68) Atrazine	11.06	200	381913	35.45	ng		91
69) Pentachlorophenol	11.15	266	418278	53.13	ng		98
70) Phenanthrene	11.37	178	1665180	29.74	ng		99
71) Anthracene	11.42	178	1764931	29.92	ng		97
72) Carbazole	11.57	167	1626975	31.51	ng		99
73) Di-n-butylphthalate	11.92	149	2138594	33.24	ng	#	98
74) Fluoranthene	12.56	202	1906576	31.73	ng		98
76) Benzidine	12.67	184	839803	32.80	ng		99
77) Pyrene	12.78	202	1926464	36.72	ng		99
79) Butylbenzylphthalate	13.41	149	982556	42.40	ng	#	80
80) Benzo(a)anthracene	13.97	228	1564587	32.75	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	325234	19.15	ng	#	98
82) Chrysene	14.01	228	1468855	33.57	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	1162416	36.64	ng		99
84) Di-n-octyl phthalate	14.59	149	2135766	40.36	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	1295699	34.39	ng	#	95
87) Benzo(b)fluoranthene	15.00	252	1484645m	35.33	ng		
88) Benzo(k)fluoranthene	15.03	252	1098312m	29.46	ng		
89) Benzo(a)pyrene	15.35	252	1233986	33.89	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	1089380	35.33	ng		98
91) Benzo(g,h,i)perylene	17.20	276	1069527	36.22	ng		98

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

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