Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084257.D
Acq On : 5 Jan 2016 1:21
Operator : UM/SJ
Sample : PB87631BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87631BS

Manual Integrations APPROVED
Sohil
1/5/2016 1:43:25 PM

Quant Time: Jan 05 04:34:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	269256	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1152992	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	544072	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	950867	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	575581	20.00	ng		-0.01
86) Perylene-d12	15.49	264	559140	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2149071	129.10	ng		0.02
7) Phenol-d6	6.53	99	2633066	125.94	ng		0.00
23) Nitrobenzene-d5	7.46	82	1687461	81.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	607002	110.51	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2716225	88.05	ng		-0.01
78) Terphenyl-d14	13.00	244	2067302	80.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	295192	37.43	ng	#	76
3) Pyridine	3.34	79	866149	39.39	ng	#	73
4) n-Nitrosodimethylamine	3.30	42	447541	39.66	ng		83
6) Aniline	6.56	93	559535	18.29	ng	#	80
8) 2-Chlorophenol	6.68	128	812641	43.03	ng		97
9) Benzaldehyde	6.43	77	256899	18.87	ng		91
10) Phenol	6.54	94	819868	34.49	ng		81
11) bis(2-Chloroethyl)ether	6.62	93	744250	40.42	ng	#	80
12) 1,3-Dichlorobenzene	6.83	146	790561m	40.58	ng		
13) 1,4-Dichlorobenzene	6.91	146	830268	42.50	ng		93
14) 1,2-Dichlorobenzene	7.06	146	713340	38.13	ng		96
15) Benzyl Alcohol	7.04	79	663733	37.74	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1233196	36.78	ng		85
17) 2-Methylphenol	7.16	107	663925	41.94	ng	#	91
18) Hexachloroethane	7.40	117	314040	40.20	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	549138	38.80	ng	#	72
20) 3+4-Methylphenols	7.31	107	767969	41.28	ng	#	75
22) Acetophenone	7.30	105	1067333	38.50	ng	#	92
24) Nitrobenzene	7.48	77	859046	40.88	ng	#	87
25) Isophorone	7.72	82	1547744	39.06	ng		96
26) 2-Nitrophenol	7.79	139	397065	41.52	ng	#	81
27) 2,4-Dimethylphenol	7.84	122	710906m	36.73	ng		
28) bis(2-Chloroethoxy)methane	7.93	93	927418	38.32	ng		99
29) 2,4-Dichlorophenol	8.04	162	696430	43.19	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	705457	42.38	ng	#	95
31) Naphthalene	8.20	128	2258149	43.17	ng		98
32) Benzoic acid	7.96	122	456179m	38.11	ng		
33) 4-Chloroaniline	8.25	127	288858	12.04	ng		97
34) Hexachlorobutadiene	8.32	225	374193	39.11	ng		98
35) Caprolactam	8.62	113	217243m	39.97	ng		
36) 4-Chloro-3-methylphenol	8.74	107	727516	40.28	ng		92
37) 2-Methylnaphthalene	8.89	142	1473114	39.23	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	637714	40.77	ng		97
40) Hexachlorocyclopentadiene	9.05	237	717165	75.95	ng		98

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Quant Time: Jan 05 04:34:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	476923	40.76	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	459734	40.98	ng		93
45) 1,1'-Biphenyl	9.36	154	1706627	39.47	ng		100
46) 2-Chloronaphthalene	9.38	162	1285059	37.83	ng		96
47) 2-Nitroaniline	9.48	65	508715	45.38	ng		90
48) Acenaphthylene	9.80	152	2201889	43.88	ng		98
49) Dimethylphthalate	9.66	163	1666118	42.84	ng	#	90
50) 2,6-Dinitrotoluene	9.72	165	357546	41.91	ng	#	61
51) Acenaphthene	9.97	154	1588493	47.19	ng		96
52) 3-Nitroaniline	9.89	138	227837	21.55	ng	#	74
53) 2,4-Dinitrophenol	10.00	184	324471	88.87	ng		93
54) Dibenzofuran	10.14	168	1916674	43.89	ng		96
55) 4-Nitrophenol	10.06	139	527530	68.75	ng	#	80
56) 2,4-Dinitrotoluene	10.12	165	429348	39.77	ng	#	83
57) Fluorene	10.49	166	1455697	43.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	362353	37.83	ng		96
59) Diethylphthalate	10.36	149	1530747	39.92	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	663516	47.00	ng		97
61) 4-Nitroaniline	10.51	138	384621	40.82	ng		86
62) Azobenzene	10.64	77	1733488	41.21	ng		91
64) 4,6-Dinitro-2-methylphenol	10.53	198	227202	39.11	ng		84
65) n-Nitrosodiphenylamine	10.60	169	1311756	43.15	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	447442	43.72	ng	#	89
67) Hexachlorobenzene	11.02	284	454547	39.46	ng	#	78
68) Atrazine	11.13	200	435589	43.78	ng		98
69) Pentachlorophenol	11.23	266	436648	73.11	ng		99
70) Phenanthrene	11.45	178	2153462	43.30	ng		96
71) Anthracene	11.49	178	1915063	39.28	ng		97
72) Carbazole	11.65	167	1805651	37.88	ng		98
73) Di-n-butylphthalate	11.98	149	2191216	42.68	ng	#	95
74) Fluoranthene	12.62	202	1870972	36.01	ng		98
76) Benzidine	12.75	184	635735	30.80	ng		99
77) Pyrene	12.85	202	1837218	40.68	ng		99
79) Butylbenzylphthalate	13.48	149	813175	41.60	ng		96
80) Benzo(a)anthracene	14.04	228	1285894	38.05	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	316493	26.83	ng	#	96
82) Chrysene	14.08	228	1195239	36.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	913469	36.99	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1452958	34.85	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.91	276	1338912	52.01	ng		100
87) Benzo(b)fluoranthene	15.08	252	1410062	38.55	ng		99
88) Benzo(k)fluoranthene	15.11	252	1138588m	38.06	ng		
89) Benzo(a)pyrene	15.44	252	1314960	42.39	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	1104642	41.38	ng		96
91) Benzo(g,h,i)perylene	17.35	276	1067719	38.62	ng		97

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

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