Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082836.D
Acq On : 9 Nov 2015 18:27
Operator : UM/IZ
Sample : PB86527BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Manual Integrations APPROVED
Mmdadoda
11/10/2015 1:02:30 PM

Quant Time: Nov 10 03:22:48 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	6.83	152	236925	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	879266	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	432786	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	796081	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	603081	20.00	ng		-0.03
86) Perylene-d12	15.41	264	643912	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1486943	97.65	ng		0.00
7) Phenol-d6	6.48	99	2169074	107.15	ng		0.00
23) Nitrobenzene-d5	7.39	82	1525790	75.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	451067	90.90	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	2052337	67.97	ng		-0.02
78) Terphenyl-d14	12.94	244	2192790	86.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	220184	33.51	ng		94
3) Pyridine	3.23	79	716586	37.59	ng		98
4) n-Nitrosodimethylamine	3.18	42	315843	33.40	ng	#	77
6) Aniline	6.49	93	603447	21.23	ng	#	1
8) 2-Chlorophenol	6.61	128	573144	33.95	ng	#	77
9) Benzaldehyde	6.37	77	57297	5.12	ng		80
10) Phenol	6.49	94	929149	40.45	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	596356	34.72	ng		91
12) 1,3-Dichlorobenzene	6.77	146	671958m	35.30	ng		
13) 1,4-Dichlorobenzene	6.84	146	649181	32.77	ng		98
14) 1,2-Dichlorobenzene	7.00	146	612560	34.01	ng		98
15) Benzyl Alcohol	6.98	79	635658	35.76	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	926434	36.77	ng		97
17) 2-Methylphenol	7.09	107	513516	35.92	ng		97
18) Hexachloroethane	7.34	117	239141	33.76	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	481247	32.34	ng		87
20) 3+4-Methylphenols	7.25	107	660476	35.53	ng	#	67
22) Acetophenone	7.24	105	847523	33.64	ng	#	92
24) Nitrobenzene	7.41	77	723526	35.01	ng		91
25) Isophorone	7.65	82	1280282	34.24	ng		98
26) 2-Nitrophenol	7.73	139	335100	38.85	ng	#	68
27) 2,4-Dimethylphenol	7.78	122	599755	38.70	ng		92
28) bis(2-Chloroethoxy)methane	7.87	93	763711	36.21	ng		98
29) 2,4-Dichlorophenol	7.97	162	503499	35.95	ng		87
30) 1,2,4-Trichlorobenzene	8.06	180	572758	36.36	ng	#	94
31) Naphthalene	8.14	128	1692843	34.90	ng		98
32) Benzoic acid	7.90	122	349489	32.94	ng		87
33) 4-Chloroaniline	8.19	127	316695	15.15	ng	#	82
34) Hexachlorobutadiene	8.27	225	335021	33.98	ng		98
35) Caprolactam	8.56	113	183055m	41.45	ng		
36) 4-Chloro-3-methylphenol	8.68	107	602754	36.59	ng	#	81
37) 2-Methylnaphthalene	8.83	142	1056553	33.67	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	533254	37.49	ng		98
40) Hexachlorocyclopentadiene	8.99	237	592432	77.54	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	381120	35.90	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	385131	36.68	ng	#	75
45) 1,1'-Biphenyl	9.30	154	1382060	37.22	ng		99
46) 2-Chloronaphthalene	9.32	162	1114294	38.47	ng		98
47) 2-Nitroaniline	9.41	65	421249	39.20	ng	#	73
48) Acenaphthylene	9.73	152	1650461	36.35	ng		99
49) Dimethylphthalate	9.60	163	1157336	32.64	ng		100
50) 2,6-Dinitrotoluene	9.65	165	258158	34.12	ng		99
51) Acenaphthene	9.90	154	1152253	40.05	ng		99
52) 3-Nitroaniline	9.81	138	170560	20.50	ng		92
53) 2,4-Dinitrophenol	9.93	184	294426	70.88	ng	#	24
54) Dibenzofuran	10.08	168	1364752	35.18	ng		95
55) 4-Nitrophenol	10.00	139	514920	80.67	ng		85
56) 2,4-Dinitrotoluene	10.05	165	369281	35.97	ng		91
57) Fluorene	10.42	166	1129236	35.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	303111	35.37	ng	#	89
59) Diethylphthalate	10.30	149	1249926	36.10	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	526581	33.50	ng	#	90
61) 4-Nitroaniline	10.44	138	300127	35.87	ng	#	63
62) Azobenzene	10.57	77	1392809	37.45	ng		89
64) 4,6-Dinitro-2-methylphenol	10.46	198	198886	35.07	ng	#	65
65) n-Nitrosodiphenylamine	10.53	169	1037441	36.07	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	314489	32.81	ng	#	74
67) Hexachlorobenzene	10.97	284	349938	32.69	ng	#	84
68) Atrazine	11.06	200	303140	34.09	ng		96
69) Pentachlorophenol	11.16	266	428878	65.99	ng		99
70) Phenanthrene	11.38	178	1757968	38.03	ng		99
71) Anthracene	11.42	178	1658486	34.06	ng		99
72) Carbazole	11.58	167	1672735	39.24	ng		98
73) Di-n-butylphthalate	11.93	149	1870067	35.21	ng	#	96
74) Fluoranthene	12.57	202	1760130	35.48	ng		94
76) Benzidine	12.68	184	878510	43.47	ng		100
77) Pyrene	12.78	202	1767878	42.69	ng		98
79) Butylbenzylphthalate	13.41	149	774104	42.31	ng		99
80) Benzo(a)anthracene	13.97	228	1551569	41.14	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	336818	25.12	ng		98
82) Chrysene	14.02	228	1619547	46.89	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	1065493	42.55	ng	#	98
84) Di-n-octyl phthalate	14.60	149	1851411	44.32	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	1355162	45.55	ng		96
87) Benzo(b)fluoranthene	15.01	252	1411563	34.15	ng	#	96
88) Benzo(k)fluoranthene	15.05	252	1477732m	40.30	ng		
89) Benzo(a)pyrene	15.36	252	1355172	37.84	ng	#	96
90) Dibenzo(a,h)anthracene	16.82	278	1137478	37.51	ng		98
91) Benzo(g,h,i)perylene	17.22	276	1089930	37.53	ng		99

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

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