Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082635.D
Acq On : 2 Nov 2015 17:10
Operator : UM/IZ
Sample : PB86380BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86380BS

Quant Time: Nov 03 03:16:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	213292	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	791364	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	403869	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	718034	20.00	ng		-0.02
75) Chrysene-d12	14.08	240	685828	20.00	ng		0.00
86) Perylene-d12	15.56	264	586375	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1674883	118.27	ng		0.00
7) Phenol-d6	6.52	99	2013730	107.04	ng		-0.01
23) Nitrobenzene-d5	7.45	82	1457843	75.23	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	574349	129.94	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2209421	77.67	ng		-0.01
78) Terphenyl-d14	13.01	244	2451703	78.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	211587	32.32	ng		93
3) Pyridine	3.33	79	660020	34.39	ng		97
4) n-Nitrosodimethylamine	3.28	42	351059	32.49	ng		92
6) Aniline	6.54	93	606094	23.14	ng		97
8) 2-Chlorophenol	6.67	128	528902	34.52	ng	#	79
9) Benzaldehyde	6.43	77	229036	17.83	ng		87
10) Phenol	6.53	94	829027	38.89	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	597356	37.98	ng		90
12) 1,3-Dichlorobenzene	6.83	146	650585m	37.23	ng		
13) 1,4-Dichlorobenzene	6.91	146	619758m	35.77	ng		
14) 1,2-Dichlorobenzene	7.06	146	577552	35.91	ng		95
15) Benzyl Alcohol	7.02	79	617042	35.17	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	891019	35.65	ng		97
17) 2-Methylphenol	7.15	107	496243	38.09	ng		94
18) Hexachloroethane	7.40	117	233506	34.53	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	506557	35.52	ng	#	87
20) 3+4-Methylphenols	7.30	107	609008	35.97	ng		92
22) Acetophenone	7.30	105	804530	34.53	ng	#	84
24) Nitrobenzene	7.47	77	745047	38.03	ng		91
25) Isophorone	7.71	82	1241031	34.81	ng		98
26) 2-Nitrophenol	7.79	139	300411	41.98	ng	#	78
27) 2,4-Dimethylphenol	7.84	122	538326	38.54	ng		90
28) bis(2-Chloroethoxy)methane	7.93	93	748654	38.39	ng		98
29) 2,4-Dichlorophenol	8.03	162	480661	37.75	ng		90
30) 1,2,4-Trichlorobenzene	8.12	180	530890	37.57	ng		95
31) Naphthalene	8.20	128	1613405	37.68	ng		99
32) Benzoic acid	7.95	122	343920	33.94	ng		96
33) 4-Chloroaniline	8.25	127	278165	15.22	ng	#	83
34) Hexachlorobutadiene	8.33	225	353282	39.31	ng		99
35) Caprolactam	8.61	113	159008m	40.70	ng		
36) 4-Chloro-3-methylphenol	8.73	107	544049	36.29	ng		97
37) 2-Methylnaphthalene	8.89	142	1014998	36.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	475343	35.27	ng	#	97
40) Hexachlorocyclopentadiene	9.06	237	734381	86.68	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	394681	40.56	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	353623	36.47	ng		94
45) 1,1'-Biphenyl	9.36	154	1212189	35.53	ng		97
46) 2-Chloronaphthalene	9.38	162	971729	36.48	ng		95
47) 2-Nitroaniline	9.47	65	402872	38.91	ng		91
48) Acenaphthylene	9.80	152	1634137	38.35	ng		99
49) Dimethylphthalate	9.66	163	1301549	39.46	ng		98
50) 2,6-Dinitrotoluene	9.71	165	254506	37.23	ng	#	77
51) Acenaphthene	9.97	154	1183238	43.75	ng		95
52) 3-Nitroaniline	9.88	138	169450	22.28	ng	#	74
53) 2,4-Dinitrophenol	9.98	184	262136	72.65	ng	#	35
54) Dibenzofuran	10.14	168	1512141	41.20	ng		94
55) 4-Nitrophenol	10.04	139	406480	71.03	ng	#	80
56) 2,4-Dinitrotoluene	10.12	165	400217	43.29	ng	#	78
57) Fluorene	10.49	166	1185071	40.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	332476	40.57	ng		90
59) Diethylphthalate	10.36	149	1214687	36.17	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	529580	36.80	ng	#	84
61) 4-Nitroaniline	10.50	138	283528	39.06	ng		83
62) Azobenzene	10.64	77	1449039	38.27	ng		90
64) 4,6-Dinitro-2-methylphenol	10.52	198	179550	41.46	ng	#	47
65) n-Nitrosodiphenylamine	10.59	169	943112	38.21	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	350829	43.11	ng	#	83
67) Hexachlorobenzene	11.04	284	402609	44.62	ng	#	70
68) Atrazine	11.13	200	380830	47.16	ng		95
69) Pentachlorophenol	11.23	266	476609	80.11	ng		98
70) Phenanthrene	11.45	178	1824125	45.04	ng		99
71) Anthracene	11.49	178	1594897	39.11	ng		100
72) Carbazole	11.64	167	1362477	38.36	ng		98
73) Di-n-butylphthalate	11.99	149	1767914	39.10	ng		100
74) Fluoranthene	12.64	202	1791752	43.28	ng		95
76) Benzidine	12.75	184	661061	21.37	ng		99
77) Pyrene	12.87	202	1822070	35.88	ng		98
79) Butylbenzylphthalate	13.49	149	870022	39.11	ng	#	83
80) Benzo(a)anthracene	14.07	228	1664765	38.21	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	329851	21.97	ng	#	96
82) Chrysene	14.10	228	1385845	35.10	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1149953	39.88	ng	#	97
84) Di-n-octyl phthalate	14.72	149	1796887	39.95	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	1307760	40.13	ng		99
87) Benzo(b)fluoranthene	15.15	252	1602494	39.63	ng	#	98
88) Benzo(k)fluoranthene	15.17	252	1123753m	36.48	ng		
89) Benzo(a)pyrene	15.51	252	1319328	41.43	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	1088319	36.63	ng		99
91) Benzo(g,h,i)perylene	17.43	276	1038652	36.07	ng		100

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

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