Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086366.D
Acq On : 23 Apr 2016 2:53
Operator : UM/SJ
Sample : PB89976BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89976BS

Manual Integrations APPROVED
sohil
4/25/2016 12:35:45 PM

Quant Time: Apr 23 03:36:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	170002	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	700386	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	350701	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	685643	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	514330	20.00	ng		0.00
86) Perylene-d12	15.40	264	476685	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1211862	123.11	ng		0.02
7) Phenol-d6	6.48	99	1473673	110.12	ng		0.00
23) Nitrobenzene-d5	7.40	82	943914	79.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	386480	121.74	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1694928	82.47	ng		0.00
78) Terphenyl-d14	12.94	244	1562253	75.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	166554	30.60	ng		98
3) Pyridine	3.21	79	445421	34.34	ng		95
4) n-Nitrosodimethylamine	3.15	42	177318	36.03	ng		99
6) Aniline	6.51	93	273328	16.74	ng		94
8) 2-Chlorophenol	6.62	128	458081	38.11	ng		100
9) Benzaldehyde	6.38	77	74571	9.17	ng		96
10) Phenol	6.49	94	587774	37.19	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	474689	34.50	ng		98
12) 1,3-Dichlorobenzene	6.78	146	489213	38.17	ng		98
13) 1,4-Dichlorobenzene	6.86	146	511018	36.30	ng		98
14) 1,2-Dichlorobenzene	7.01	146	484934	37.91	ng		97
15) Benzyl Alcohol	6.99	79	308884	38.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	621581	34.47	ng		99
17) 2-Methylphenol	7.10	107	379924	38.58	ng		99
18) Hexachloroethane	7.36	117	175407	36.99	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	293036	36.64	ng	#	86
20) 3+4-Methylphenols	7.25	107	427177	40.92	ng		96
22) Acetophenone	7.25	105	602003	40.97	ng	#	96
24) Nitrobenzene	7.42	77	478078	37.70	ng		94
25) Isophorone	7.66	82	876033	37.81	ng		97
26) 2-Nitrophenol	7.74	139	264033	42.14	ng		97
27) 2,4-Dimethylphenol	7.78	122	443259	41.31	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	553983	42.82	ng		100
29) 2,4-Dichlorophenol	7.98	162	407512	45.95	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	390661	40.55	ng		95
31) Naphthalene	8.14	128	1338036	37.50	ng		98
32) Benzoic acid	7.90	122	265247	38.67	ng		95
33) 4-Chloroaniline	8.20	127	99168	7.14	ng		97
34) Hexachlorobutadiene	8.27	225	197852	41.13	ng		97
35) Caprolactam	8.56	113	134368m	42.22	ng		
36) 4-Chloro-3-methylphenol	8.68	107	449707	42.66	ng		99
37) 2-Methylnaphthalene	8.84	142	905668	44.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	317167	34.96	ng		98
40) Hexachlorocyclopentadiene	8.99	237	369633	83.41	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	246175	41.38	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	292926	39.99	ng		99
45) 1,1'-Biphenyl	9.30	154	1051042	38.63	ng		96
46) 2-Chloronaphthalene	9.33	162	837094	38.87	ng		97
47) 2-Nitroaniline	9.42	65	279693	41.71	ng		97
48) Acenaphthylene	9.74	152	1410296	40.39	ng		98
49) Dimethylphthalate	9.61	163	1017390	40.16	ng		100
50) 2,6-Dinitrotoluene	9.66	165	228448	41.74	ng		95
51) Acenaphthene	9.92	154	953167	44.44	ng		100
52) 3-Nitroaniline	9.84	138	92192	13.46	ng		99
53) 2,4-Dinitrophenol	9.94	184	240351	84.48	ng		90
54) Dibenzofuran	10.09	168	1194742	43.37	ng		100
55) 4-Nitrophenol	10.00	139	387847	80.90	ng		85
56) 2,4-Dinitrotoluene	10.06	165	305733	42.07	ng		98
57) Fluorene	10.43	166	912614	40.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	245777	45.91	ng		95
59) Diethylphthalate	10.30	149	939417	38.72	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	376085	38.10	ng		97
61) 4-Nitroaniline	10.45	138	270821	38.62	ng		97
62) Azobenzene	10.58	77	1059698	42.12	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	163455	39.01	ng		99
65) n-Nitrosodiphenylamine	10.54	169	837636	39.62	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	257764	38.39	ng		94
67) Hexachlorobenzene	10.97	284	264177	36.88	ng	#	60
68) Atrazine	11.07	200	265263	40.64	ng		99
69) Pentachlorophenol	11.16	266	324264	77.09	ng		97
70) Phenanthrene	11.39	178	1335696	38.77	ng		100
71) Anthracene	11.44	178	1450947	36.76	ng		100
72) Carbazole	11.60	167	1489458	40.17	ng		99
73) Di-n-butylphthalate	11.93	149	1545568	39.63	ng		100
74) Fluoranthene	12.57	202	1414422	38.07	ng		97
76) Benzidine	12.69	184	449840	21.33	ng		97
77) Pyrene	12.80	202	1385714	38.63	ng		99
79) Butylbenzylphthalate	13.43	149	688422	41.20	ng		94
80) Benzo(a)anthracene	13.99	228	1018272	38.14	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	157435	8.55	ng	#	96
82) Chrysene	14.02	228	1248000	41.49	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	757558	40.49	ng		99
84) Di-n-octyl phthalate	14.59	149	1496770	41.67	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1003770	37.54	ng		99
87) Benzo(b)fluoranthene	15.00	252	971291m	37.12	ng		
88) Benzo(k)fluoranthene	15.04	252	1205879m	46.96	ng		
89) Benzo(a)pyrene	15.36	252	1051202	40.73	ng		100
90) Dibenzo(a,h)anthracene	16.81	278	836386	39.28	ng		97
91) Benzo(g,h,i)perylene	17.20	276	854288	38.87	ng		97

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

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