Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086364.D
Acq On : 23 Apr 2016 1:54
Operator : UM/SJ
Sample : PB90017BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Manual Integrations APPROVED
sohil
4/25/2016 12:35:43 PM

Quant Time: Apr 23 03:32:47 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	182347	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	765139	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	385970	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	739046	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	563455	20.00	ng		0.00
86) Perylene-d12	15.41	264	521322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1218251	115.38	ng		0.02
7) Phenol-d6	6.48	99	1508297	105.07	ng		0.00
23) Nitrobenzene-d5	7.40	82	966941	74.86	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	385176	110.24	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1759258	77.78	ng		0.00
78) Terphenyl-d14	12.95	244	1632795	72.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	172564	29.55	ng		97
3) Pyridine	3.21	79	483917	34.78	ng		98
4) n-Nitrosodimethylamine	3.15	42	180427	34.18	ng		98
6) Aniline	6.51	93	482462	27.54	ng		89
8) 2-Chlorophenol	6.62	128	474324	36.79	ng		98
9) Benzaldehyde	6.38	77	84794	9.72	ng		93
10) Phenol	6.49	94	620855	36.63	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	503116	34.09	ng		98
12) 1,3-Dichlorobenzene	6.78	146	509253	37.04	ng		98
13) 1,4-Dichlorobenzene	6.86	146	528653	35.01	ng		97
14) 1,2-Dichlorobenzene	7.01	146	499706	36.42	ng		98
15) Benzyl Alcohol	6.99	79	357405	41.95	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	651157	33.66	ng		98
17) 2-Methylphenol	7.10	107	408999	38.72	ng		98
18) Hexachloroethane	7.36	117	181444	35.67	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	309396	36.07	ng	#	84
20) 3+4-Methylphenols	7.25	107	444731	39.72	ng		98
22) Acetophenone	7.25	105	626685	39.04	ng	#	96
24) Nitrobenzene	7.42	77	503584	36.35	ng		96
25) Isophorone	7.66	82	911469	36.01	ng		97
26) 2-Nitrophenol	7.74	139	280475	40.97	ng		95
27) 2,4-Dimethylphenol	7.78	122	447960	38.22	ng		90
28) bis(2-Chloroethoxy)methane	7.88	93	580933	41.10	ng		99
29) 2,4-Dichlorophenol	7.98	162	431778	44.56	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	405892	38.57	ng		94
31) Naphthalene	8.14	128	1408154	36.13	ng		99
32) Benzoic acid	7.90	122	242966	32.42	ng		90
33) 4-Chloroaniline	8.20	127	224219	14.77	ng		97
34) Hexachlorobutadiene	8.27	225	203470	38.71	ng		99
35) Caprolactam	8.57	113	149381m	42.97	ng		
36) 4-Chloro-3-methylphenol	8.68	107	473513	41.12	ng		98
37) 2-Methylnaphthalene	8.84	142	932767	41.49	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	346736	34.72	ng		99
40) Hexachlorocyclopentadiene	8.99	237	384100	78.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	266902	40.76	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	312947	38.82	ng		98
45) 1,1'-Biphenyl	9.30	154	1115630	37.26	ng		96
46) 2-Chloronaphthalene	9.33	162	886907	37.42	ng		98
47) 2-Nitroaniline	9.42	65	312904	42.40	ng		99
48) Acenaphthylene	9.74	152	1471318	38.29	ng		100
49) Dimethylphthalate	9.61	163	1087171	38.99	ng		100
50) 2,6-Dinitrotoluene	9.66	165	243616	40.45	ng		97
51) Acenaphthene	9.92	154	1018320	43.14	ng		100
52) 3-Nitroaniline	9.84	138	176327	23.38	ng		97
53) 2,4-Dinitrophenol	9.94	184	261075	83.38	ng		88
54) Dibenzofuran	10.09	168	1260673	41.58	ng		100
55) 4-Nitrophenol	10.00	139	424728	80.50	ng		84
56) 2,4-Dinitrotoluene	10.08	165	335299	41.92	ng	#	70
57) Fluorene	10.43	166	956980	38.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	256958	43.61	ng		98
59) Diethylphthalate	10.30	149	1023228	38.32	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	401046	36.91	ng		98
61) 4-Nitroaniline	10.45	138	314064	40.69	ng		96
62) Azobenzene	10.58	77	1121921	40.52	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	171579	37.99	ng		85
65) n-Nitrosodiphenylamine	10.54	169	896436	39.34	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	279845	38.67	ng		93
67) Hexachlorobenzene	10.97	284	288096	37.31	ng	#	58
68) Atrazine	11.07	200	282648	40.17	ng		98
69) Pentachlorophenol	11.17	266	347701	76.69	ng		98
70) Phenanthrene	11.39	178	1463111	39.40	ng		99
71) Anthracene	11.44	178	1527888	35.91	ng		99
72) Carbazole	11.60	167	1612551	40.35	ng		100
73) Di-n-butylphthalate	11.93	149	1650466	39.26	ng		99
74) Fluoranthene	12.57	202	1529308	38.19	ng		98
76) Benzidine	12.69	184	672586	29.11	ng		98
77) Pyrene	12.80	202	1493014	37.99	ng		99
79) Butylbenzylphthalate	13.43	149	774468	42.31	ng		99
80) Benzo(a)anthracene	13.99	228	1085802	37.12	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	202554	10.04	ng	#	98
82) Chrysene	14.02	228	1303161	39.54	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	811127	39.57	ng		100
84) Di-n-octyl phthalate	14.59	149	1661857	42.23	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1113481	38.01	ng		100
87) Benzo(b)fluoranthene	15.00	252	1421753m	49.69	ng		
88) Benzo(k)fluoranthene	15.04	252	965531m	34.38	ng		
89) Benzo(a)pyrene	15.36	252	1150047	40.74	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	913530	39.23	ng		98
91) Benzo(g,h,i)perylene	17.20	276	942241	39.20	ng		99

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

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