Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086172.D
Acq On : 8 Apr 2016 17:06
Operator : UM/SJ
Sample : PB89669TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89669TB

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:12 PM

Quant Time: Apr 09 00:08:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	118523	20.00	ng		-0.05
21) Naphthalene-d8	8.02	136	485466	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	233486	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	435255	20.00	ng		-0.05
75) Chrysene-d12	13.88	240	312473	20.00	ng		-0.05
86) Perylene-d12	15.28	264	246573	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	583234	84.11	ng		-0.03
7) Phenol-d6	6.37	99	733800	83.32	ng		-0.05
23) Nitrobenzene-d5	7.30	82	628699	76.37	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	170105	77.62	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1192367	84.91	ng		-0.05
78) Terphenyl-d14	12.83	244	1036822	78.00	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	108223	32.92	ng		98
3) Pyridine	3.00	79	311062	42.27	ng		100
4) n-Nitrosodimethylamine	2.97	42	127420	39.37	ng		100
6) Aniline	6.40	93	181569	15.71	ng	#	17
8) 2-Chlorophenol	6.51	128	309687	37.45	ng		92
9) Benzaldehyde	6.28	77	102155	21.56	ng		92
10) Phenol	6.40	94	368665	36.70	ng		93
11) bis(2-Chloroethyl)ether	6.46	93	287620m	36.15	ng		
12) 1,3-Dichlorobenzene	6.67	146	321096	36.64	ng		99
13) 1,4-Dichlorobenzene	6.74	146	329033	36.44	ng		99
14) 1,2-Dichlorobenzene	6.90	146	302247	36.37	ng		99
15) Benzyl Alcohol	6.89	79	236575	41.52	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	334386	34.41	ng		73
17) 2-Methylphenol	7.00	107	257695	39.52	ng		96
18) Hexachloroethane	7.23	117	120520	36.29	ng	#	85
19) n-Nitroso-di-n-propylamine	7.15	70	207734	38.05	ng		95
20) 3+4-Methylphenols	7.16	107	340101	42.89	ng	#	62
22) Acetophenone	7.15	105	432791	37.92	ng	#	89
24) Nitrobenzene	7.32	77	340526	37.81	ng	#	87
25) Isophorone	7.56	82	622153	38.29	ng		95
26) 2-Nitrophenol	7.64	139	172104	39.94	ng		92
27) 2,4-Dimethylphenol	7.69	122	313409	40.50	ng		94
28) bis(2-Chloroethoxy)methane	7.77	93	366506	38.44	ng		98
29) 2,4-Dichlorophenol	7.88	162	262656	40.14	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	277095	37.73	ng		95
31) Naphthalene	8.03	128	887832	36.36	ng		99
32) Benzoic acid	7.84	122	184148	32.43	ng		96
33) 4-Chloroaniline	8.10	127	76667	7.77	ng		97
34) Hexachlorobutadiene	8.16	225	144895	36.70	ng		99
35) Caprolactam	8.48	113	87002m	41.92	ng		
36) 4-Chloro-3-methylphenol	8.59	107	278626	37.88	ng		96
37) 2-Methylnaphthalene	8.73	142	614807	38.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	257732	36.73	ng		100
40) Hexachlorocyclopentadiene	8.88	237	165045	68.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	168090	37.30	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	177606	38.82	ng	#	85
45) 1,1'-Biphenyl	9.20	154	729512	36.24	ng		95
46) 2-Chloronaphthalene	9.22	162	570534	39.09	ng		98
47) 2-Nitroaniline	9.32	65	175530	41.11	ng		96
48) Acenaphthylene	9.63	152	890146	38.08	ng		99
49) Dimethylphthalate	9.50	163	681702	39.39	ng		98
50) 2,6-Dinitrotoluene	9.56	165	130875	35.74	ng		93
51) Acenaphthene	9.80	154	536443	38.58	ng		99
52) 3-Nitroaniline	9.73	138	62793	14.23	ng		97
53) 2,4-Dinitrophenol	9.86	184	131621	60.18	ng	#	68
54) Dibenzofuran	9.97	168	734724	40.01	ng		99
55) 4-Nitrophenol	9.92	139	152915	58.78	ng		86
56) 2,4-Dinitrotoluene	9.97	165	169406	36.62	ng	#	51
57) Fluorene	10.32	166	613972	39.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	139787	41.03	ng		98
59) Diethylphthalate	10.19	149	638794	36.57	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	269100	36.83	ng		100
61) 4-Nitroaniline	10.35	138	141380	32.53	ng		90
62) Azobenzene	10.46	77	686792	41.05	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	98252	37.25	ng	#	77
65) n-Nitrosodiphenylamine	10.43	169	531453	39.04	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	183788	41.36	ng		94
67) Hexachlorobenzene	10.86	284	191430	41.66	ng		97
68) Atrazine	10.96	200	159359	36.23	ng		96
69) Pentachlorophenol	11.07	266	140064	65.04	ng		98
70) Phenanthrene	11.28	178	927533	39.06	ng		100
71) Anthracene	11.32	178	855926	34.41	ng		100
72) Carbazole	11.48	167	743558	34.78	ng		99
73) Di-n-butylphthalate	11.81	149	1012979	38.23	ng		100
74) Fluoranthene	12.45	202	859917	34.82	ng		100
76) Benzidine	12.59	184	147830	13.41	ng		97
77) Pyrene	12.68	202	846502	38.44	ng		98
79) Butylbenzylphthalate	13.31	149	426080	42.97	ng		95
80) Benzo(a)anthracene	13.87	228	716768	38.91	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	124658	9.27	ng		99
82) Chrysene	13.92	228	692264	39.02	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	547467	41.60	ng		99
84) Di-n-octyl phthalate	14.48	149	971826	46.25	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	531177	36.90	ng		99
87) Benzo(b)fluoranthene	14.89	252	579372m	37.35	ng		
88) Benzo(k)fluoranthene	14.91	252	588906m	42.87	ng		
89) Benzo(a)pyrene	15.22	252	550105	40.03	ng		97
90) Dibenzo(a,h)anthracene	16.63	278	449125	40.62	ng		98
91) Benzo(g,h,i)perylene	17.01	276	436681	40.81	ng		96

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

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