Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085976.D
Acq On : 1 Apr 2016 22:14
Operator : UM/SJ
Sample : PB89340BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89340BS

Manual Integrations APPROVED
Sohil
4/4/2016 7:33:54 PM

Quant Time: Apr 01 23:33:22 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	6.77	152	108940	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	419014	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	205036	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	375979	20.00	ng		0.00
75) Chrysene-d12	13.93	240	315272	20.00	ng		0.00
86) Perylene-d12	15.33	264	266179	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	781248	122.58	ng		0.01
7) Phenol-d6	6.42	99	902903	111.53	ng		0.00
23) Nitrobenzene-d5	7.34	82	590390	83.09	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	234133	121.66	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1099881	89.19	ng		0.00
78) Terphenyl-d14	12.88	244	1004348	74.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	100275	33.19	ng		99
3) Pyridine	3.08	79	260668	38.53	ng		94
4) n-Nitrosodimethylamine	3.04	42	114876	38.62	ng		96
6) Aniline	6.44	93	251528	23.68	ng		94
8) 2-Chlorophenol	6.56	128	296091	38.95	ng		93
9) Benzaldehyde	6.33	77	133663	30.68	ng		88
10) Phenol	6.43	94	368480	39.90	ng		95
11) bis(2-Chloroethyl)ether	6.51	93	261369	35.74	ng		95
12) 1,3-Dichlorobenzene	6.72	146	302276	37.52	ng		98
13) 1,4-Dichlorobenzene	6.78	146	308479	37.17	ng		98
14) 1,2-Dichlorobenzene	6.94	146	296993	38.88	ng		100
15) Benzyl Alcohol	6.92	79	214831	41.02	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	336757	37.70	ng		93
17) 2-Methylphenol	7.04	107	232260	38.76	ng		98
18) Hexachloroethane	7.28	117	115135	37.72	ng	#	80
19) n-Nitroso-di-n-propylamine	7.20	70	196088	39.08	ng		98
20) 3+4-Methylphenols	7.20	107	291139	39.94	ng	#	83
22) Acetophenone	7.18	105	389331	39.53	ng	#	94
24) Nitrobenzene	7.36	77	293147	37.71	ng		97
25) Isophorone	7.60	82	551954	39.35	ng		99
26) 2-Nitrophenol	7.68	139	152127	40.90	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	275108	41.19	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	346869	42.15	ng		99
29) 2,4-Dichlorophenol	7.93	162	234227	41.48	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	247564	39.05	ng		94
31) Naphthalene	8.08	128	824260	39.11	ng		99
32) Benzoic acid	7.87	122	174797	35.67	ng		89
33) 4-Chloroaniline	8.14	127	114167	13.41	ng		98
34) Hexachlorobutadiene	8.20	225	132106	38.76	ng		99
35) Caprolactam	8.51	113	82610m	46.11	ng		
36) 4-Chloro-3-methylphenol	8.62	107	262575	41.36	ng		96
37) 2-Methylnaphthalene	8.77	142	571905	41.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	231225	37.52	ng		99
40) Hexachlorocyclopentadiene	8.92	237	181252	80.87	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	161868	40.90	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	159273	39.64	ng		97
45) 1,1'-Biphenyl	9.23	154	636341	35.99	ng		99
46) 2-Chloronaphthalene	9.26	162	505678	39.46	ng		98
47) 2-Nitroaniline	9.37	65	152483	40.67	ng	#	68
48) Acenaphthylene	9.68	152	834706	40.66	ng		99
49) Dimethylphthalate	9.54	163	568991	37.44	ng		99
50) 2,6-Dinitrotoluene	9.61	165	141401	43.98	ng	#	80
51) Acenaphthene	9.85	154	495290	40.57	ng		99
52) 3-Nitroaniline	9.78	138	73603	18.99	ng		83
53) 2,4-Dinitrophenol	9.89	184	148486	71.01	ng	#	71
54) Dibenzofuran	10.02	168	707357	43.87	ng		99
55) 4-Nitrophenol	9.95	139	180743	79.12	ng		92
56) 2,4-Dinitrotoluene	10.02	165	167791	41.30	ng	#	80
57) Fluorene	10.36	166	572632	41.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	133630	44.67	ng		95
59) Diethylphthalate	10.24	149	573807	37.41	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	252347	39.33	ng		97
61) 4-Nitroaniline	10.40	138	152909	40.07	ng		92
62) Azobenzene	10.51	77	653600	44.49	ng		100
64) 4,6-Dinitro-2-methylphenol	10.42	198	88056	38.65	ng		88
65) n-Nitrosodiphenylamine	10.48	169	521275	44.33	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	161584	42.10	ng		94
67) Hexachlorobenzene	10.91	284	172246	43.39	ng		98
68) Atrazine	11.00	200	147356	38.79	ng		98
69) Pentachlorophenol	11.10	266	155057	83.35	ng		99
70) Phenanthrene	11.32	178	881888	43.00	ng		100
71) Anthracene	11.37	178	810571	37.72	ng		100
72) Carbazole	11.53	167	728984	39.47	ng		99
73) Di-n-butylphthalate	11.86	149	994782	43.47	ng		100
74) Fluoranthene	12.50	202	828448	38.83	ng		99
76) Benzidine	12.63	184	294145	26.44	ng		99
77) Pyrene	12.73	202	816983	36.77	ng		99
79) Butylbenzylphthalate	13.35	149	404131	40.40	ng	#	68
80) Benzo(a)anthracene	13.92	228	728929	39.22	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	111371	8.20	ng	#	96
82) Chrysene	13.95	228	675160	37.72	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	522925	39.39	ng		99
84) Di-n-octyl phthalate	14.52	149	932839	44.00	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	564579	38.87	ng		99
87) Benzo(b)fluoranthene	14.93	252	830764m	49.61	ng		
88) Benzo(k)fluoranthene	14.97	252	464850m	31.35	ng		
89) Benzo(a)pyrene	15.28	252	606010	40.85	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	476176	39.89	ng		96
91) Benzo(g,h,i)perylene	17.09	276	458455	39.69	ng		97

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

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