Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085991.D
Acq On : 2 Apr 2016 5:28
Operator : UM/SJ
Sample : PB89385BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89385BSD

Manual Integrations APPROVED
Sohil
4/4/2016 7:37:55 PM

Quant Time: Apr 02 05:52:19 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	107118	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	418933	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	204051	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	391383	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	346043	20.00	ng		0.00
86) Perylene-d12	15.33	264	265866	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	519956	82.97	ng		0.01
7) Phenol-d6	6.42	99	672488	84.48	ng		0.00
23) Nitrobenzene-d5	7.34	82	588269	82.81	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	167104	87.25	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1056484	86.09	ng		0.00
78) Terphenyl-d14	12.88	244	1069510	72.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	90864	30.58	ng		97
3) Pyridine	3.08	79	268649	40.39	ng		98
4) n-Nitrosodimethylamine	3.04	42	115870	39.62	ng		99
6) Aniline	6.44	93	89957	8.61	ng	#	78
8) 2-Chlorophenol	6.56	128	289467	38.73	ng		96
9) Benzaldehyde	6.33	77	47278	11.04	ng		99
10) Phenol	6.43	94	372661	41.04	ng		90
11) bis(2-Chloroethyl)ether	6.51	93	257499	35.81	ng		99
12) 1,3-Dichlorobenzene	6.72	146	286397	36.16	ng		98
13) 1,4-Dichlorobenzene	6.78	146	298654	36.60	ng		99
14) 1,2-Dichlorobenzene	6.94	146	283384	37.73	ng		99
15) Benzyl Alcohol	6.92	79	189175	36.73	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	316846	36.07	ng		90
17) 2-Methylphenol	7.04	107	223614	37.95	ng		97
18) Hexachloroethane	7.28	117	109201	36.38	ng	#	81
19) n-Nitroso-di-n-propylamine	7.20	70	192764	39.07	ng		98
20) 3+4-Methylphenols	7.20	107	293616	40.97	ng	#	86
22) Acetophenone	7.18	105	372983	37.87	ng	#	93
24) Nitrobenzene	7.36	77	275570	35.46	ng		98
25) Isophorone	7.60	82	511066	36.44	ng		100
26) 2-Nitrophenol	7.68	139	145769	39.20	ng	#	89
27) 2,4-Dimethylphenol	7.72	122	269688	40.38	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	342323	41.60	ng		99
29) 2,4-Dichlorophenol	7.93	162	225381	39.92	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	240556	37.96	ng		99
31) Naphthalene	8.08	128	776065	36.83	ng		100
32) Benzoic acid	7.86	122	167872	34.26	ng		98
33) 4-Chloroaniline	8.16	127	24989	2.94	ng		97
34) Hexachlorobutadiene	8.20	225	124110	36.42	ng		97
35) Caprolactam	8.50	113	76873m	42.92	ng		
36) 4-Chloro-3-methylphenol	8.62	107	245097	38.62	ng		92
37) 2-Methylnaphthalene	8.77	142	556405	40.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	213787	34.86	ng		99
40) Hexachlorocyclopentadiene	8.92	237	181585	81.25	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	148869	37.80	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	167333	41.85	ng		96
45) 1,1'-Biphenyl	9.23	154	603840	34.32	ng		100
46) 2-Chloronaphthalene	9.26	162	477261	37.42	ng		100
47) 2-Nitroaniline	9.37	65	137805	36.93	ng	#	66
48) Acenaphthylene	9.68	152	810625	39.68	ng		99
49) Dimethylphthalate	9.54	163	564708	37.34	ng		99
50) 2,6-Dinitrotoluene	9.61	165	141467	44.21	ng	#	75
51) Acenaphthene	9.85	154	479019	39.42	ng		100
52) 3-Nitroaniline	9.78	138	23437	6.08	ng		95
53) 2,4-Dinitrophenol	9.89	184	142574	69.37	ng	#	67
54) Dibenzofuran	10.02	168	696055	43.38	ng		99
55) 4-Nitrophenol	9.95	139	183415	80.67	ng		99
56) 2,4-Dinitrotoluene	10.01	165	155136	38.37	ng	#	28
57) Fluorene	10.36	166	551370	40.22	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	128995	43.33	ng		96
59) Diethylphthalate	10.24	149	582134	38.14	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	255035	39.94	ng		95
61) 4-Nitroaniline	10.38	138	103379	27.22	ng		87
62) Azobenzene	10.51	77	623642	42.65	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	91827	38.72	ng		92
65) n-Nitrosodiphenylamine	10.48	169	413193	33.76	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	158057	39.56	ng		93
67) Hexachlorobenzene	10.91	284	171595	41.53	ng		96
68) Atrazine	11.00	200	93348	23.60	ng		98
69) Pentachlorophenol	11.10	266	155946	80.53	ng		100
70) Phenanthrene	11.32	178	875891	41.02	ng		99
71) Anthracene	11.37	178	799157	35.73	ng		99
72) Carbazole	11.53	167	617853	32.14	ng		100
73) Di-n-butylphthalate	11.86	149	1012722	42.51	ng		100
74) Fluoranthene	12.50	202	833538	37.53	ng		99
76) Benzidine	12.64	184	35956	2.95	ng		98
77) Pyrene	12.73	202	836302	34.30	ng		99
79) Butylbenzylphthalate	13.35	149	401876	36.60	ng	#	71
80) Benzo(a)anthracene	13.92	228	739616	36.26	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	32617	2.19	ng		97
82) Chrysene	13.95	228	700228	35.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	546214	37.48	ng	#	98
84) Di-n-octyl phthalate	14.52	149	988278	42.47	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	616954	38.70	ng		99
87) Benzo(b)fluoranthene	14.93	252	906386m	54.19	ng		
88) Benzo(k)fluoranthene	14.97	252	503161m	33.97	ng		
89) Benzo(a)pyrene	15.28	252	640116	43.20	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	528944	44.37	ng		97
91) Benzo(g,h,i)perylene	17.09	276	475858	41.24	ng		98

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

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