Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085017.D
Acq On : 11 Feb 2016 14:25
Operator : SJ/IZ
Sample : PB88282BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88282BSD

Manual Integrations APPROVED
Sohil
2/12/2016 12:26:07 PM

Quant Time: Feb 11 18:29:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	145602	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	608925	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	293995	20.00	ng		-0.02
63) Phenanthrene-d10	11.13	188	588941	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	420393	20.00	ng		-0.01
86) Perylene-d12	15.12	264	318097	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	694886	74.34	ng		0.00
7) Phenol-d6	6.27	99	972646	83.93	ng		-0.01
23) Nitrobenzene-d5	7.19	82	868498	80.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	256295	83.58	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1487231	85.27	ng		-0.01
78) Terphenyl-d14	12.72	244	1533388	82.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	131364	32.08	ng	#	76
3) Pyridine	2.76	79	381525	35.76	ng	#	74
4) n-Nitrosodimethylamine	2.72	42	206498	37.42	ng	#	80
6) Aniline	6.27	93	173525	12.24	ng	#	44
8) 2-Chlorophenol	6.40	128	417788	39.48	ng		96
9) Benzaldehyde	6.15	77	108059	15.79	ng		96
10) Phenol	6.28	94	557554	42.95	ng		84
11) bis(2-Chloroethyl)ether	6.35	93	367308	36.28	ng		86
12) 1,3-Dichlorobenzene	6.55	146	408975	36.58	ng		97
13) 1,4-Dichlorobenzene	6.63	146	427225	38.23	ng		94
14) 1,2-Dichlorobenzene	6.78	146	350769	33.70	ng		95
15) Benzyl Alcohol	6.76	79	313840	39.22	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.90	45	591127	34.71	ng		87
17) 2-Methylphenol	6.89	107	308687	36.89	ng	#	91
18) Hexachloroethane	7.12	117	153506	35.67	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	268955	37.02	ng	#	72
20) 3+4-Methylphenols	7.05	107	430994	41.49	ng		89
22) Acetophenone	7.03	105	570942	35.58	ng	#	98
24) Nitrobenzene	7.20	77	380241	32.85	ng		94
25) Isophorone	7.45	82	779880	37.10	ng		97
26) 2-Nitrophenol	7.52	139	205514	36.00	ng	#	83
27) 2,4-Dimethylphenol	7.58	122	381622	38.43	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	507347	40.69	ng		98
29) 2,4-Dichlorophenol	7.77	162	352088	41.44	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	349184	36.39	ng		95
31) Naphthalene	7.92	128	1084912	35.52	ng		99
32) Benzoic acid	7.71	122	224950	35.42	ng		96
33) 4-Chloroaniline	7.98	127	82087	6.50	ng		98
34) Hexachlorobutadiene	8.04	225	204623	36.98	ng		98
35) Caprolactam	8.36	113	113176m	43.22	ng		
36) 4-Chloro-3-methylphenol	8.48	107	364909	37.65	ng		95
37) 2-Methylnaphthalene	8.62	142	820452	42.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	307998	32.99	ng		98
40) Hexachlorocyclopentadiene	8.76	237	273160	69.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	236710	39.35	ng		94
43) 2,4,5-Trichlorophenol	8.95	196	243362	39.82	ng	#	94
45) 1,1'-Biphenyl	9.07	154	911130	34.70	ng		97
46) 2-Chloronaphthalene	9.10	162	664407	34.36	ng		97
47) 2-Nitroaniline	9.21	65	238287	38.92	ng	#	59
48) Acenaphthylene	9.51	152	1025200	34.93	ng		98
49) Dimethylphthalate	9.39	163	853154	38.10	ng	#	90
50) 2,6-Dinitrotoluene	9.45	165	178651	36.52	ng	#	59
51) Acenaphthene	9.68	154	648098	33.95	ng		98
52) 3-Nitroaniline	9.61	138	60301	10.97	ng		97
53) 2,4-Dinitrophenol	9.74	184	163442	72.94	ng	#	83
54) Dibenzofuran	9.86	168	967959	41.48	ng		97
55) 4-Nitrophenol	9.80	139	234562	58.06	ng	#	76
56) 2,4-Dinitrotoluene	9.86	165	254829	40.84	ng	#	75
57) Fluorene	10.19	166	710663	36.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	197382	42.42	ng	#	86
59) Diethylphthalate	10.09	149	849946	38.87	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	337426	40.49	ng		94
61) 4-Nitroaniline	10.23	138	188690	35.23	ng		91
62) Azobenzene	10.35	77	915885	43.56	ng		91
64) 4,6-Dinitro-2-methylphenol	10.26	198	125442	34.51	ng	#	71
65) n-Nitrosodiphenylamine	10.32	169	732028	39.14	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	243640	37.45	ng		99
67) Hexachlorobenzene	10.74	284	246036	34.71	ng	#	88
68) Atrazine	10.86	200	256490	43.43	ng		96
69) Pentachlorophenol	10.95	266	233076	69.97	ng		98
70) Phenanthrene	11.15	178	1170503	35.83	ng		97
71) Anthracene	11.21	178	1224143	37.19	ng		99
72) Carbazole	11.37	167	1114074	38.82	ng		97
73) Di-n-butylphthalate	11.70	149	1260004	34.48	ng	#	97
74) Fluoranthene	12.33	202	1183144	35.79	ng		99
76) Benzidine	12.47	184	291402	21.11	ng		97
77) Pyrene	12.56	202	1153726	35.84	ng		99
79) Butylbenzylphthalate	13.20	149	562454	38.52	ng	#	89
80) Benzo(a)anthracene	13.75	228	981501	37.62	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	91789	9.94	ng	#	95
82) Chrysene	13.78	228	806484	31.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	657193	36.17	ng		97
84) Di-n-octyl phthalate	14.37	149	1047616	34.95	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.37	276	723941	36.35	ng		98
87) Benzo(b)fluoranthene	14.75	252	819351m	38.34	ng		
88) Benzo(k)fluoranthene	14.78	252	624764m	35.35	ng		
89) Benzo(a)pyrene	15.06	252	664643	36.50	ng	#	96
90) Dibenzo(a,h)anthracene	16.38	278	601377	39.23	ng		97
91) Benzo(g,h,i)perylene	16.74	276	626884	40.60	ng		97

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

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