Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084945.D
Acq On : 9 Feb 2016 12:02
Operator : SJ/IZ
Sample : PB88243BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88243BS

Manual Integrations APPROVED
Sohil
2/10/2016 1:44:49 PM

Quant Time: Feb 10 03:45:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	170502	20.00	ng		-0.05
21) Naphthalene-d8	7.93	136	708174	20.00	ng		-0.05
38) Acenaphthene-d10	9.68	164	327456	20.00	ng		-0.06
63) Phenanthrene-d10	11.15	188	584559	20.00	ng		-0.06
75) Chrysene-d12	13.78	240	417626	20.00	ng		-0.06
86) Perylene-d12	15.14	264	339300	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1310385	119.71	ng		-0.03
7) Phenol-d6	6.30	99	1651512	121.70	ng		-0.03
23) Nitrobenzene-d5	7.21	82	983831	78.26	ng		-0.06
41) 2,4,6-Tribromophenol	10.46	330	394101	115.38	ng		-0.06
44) 2-Fluorobiphenyl	9.00	172	1614216	82.04	ng		-0.06
78) Terphenyl-d14	12.74	244	1713689	92.98	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	152728	31.85	ng	#	75
3) Pyridine	2.85	79	484821	38.81	ng	#	71
4) n-Nitrosodimethylamine	2.81	42	256418	39.69	ng		78
6) Aniline	6.30	93	328072	19.76	ng	#	38
8) 2-Chlorophenol	6.43	128	470587	37.98	ng		89
9) Benzaldehyde	6.18	77	138448	17.28	ng		95
10) Phenol	6.32	94	571128	37.57	ng		81
11) bis(2-Chloroethyl)ether	6.38	93	500418	42.21	ng		90
12) 1,3-Dichlorobenzene	6.58	146	488073	37.28	ng		97
13) 1,4-Dichlorobenzene	6.65	146	480924	36.75	ng		97
14) 1,2-Dichlorobenzene	6.81	146	480708	39.44	ng		100
15) Benzyl Alcohol	6.80	79	413020	44.08	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	763251	38.27	ng		89
17) 2-Methylphenol	6.92	107	403161	41.14	ng	#	89
18) Hexachloroethane	7.15	117	195118	38.72	ng	#	88
19) n-Nitroso-di-n-propylamine	7.07	70	347242	40.82	ng	#	76
20) 3+4-Methylphenols	7.07	107	500949	41.19	ng	#	83
22) Acetophenone	7.06	105	675603	36.20	ng		99
24) Nitrobenzene	7.23	77	539050	40.04	ng		99
25) Isophorone	7.47	82	920868	37.67	ng		97
26) 2-Nitrophenol	7.55	139	273269	41.16	ng		97
27) 2,4-Dimethylphenol	7.60	122	437265	37.86	ng		95
28) bis(2-Chloroethoxy)methane	7.69	93	546830	37.71	ng		99
29) 2,4-Dichlorophenol	7.79	162	378260	38.28	ng		94
30) 1,2,4-Trichlorobenzene	7.87	180	435215	39.00	ng		96
31) Naphthalene	7.95	128	1371781	38.62	ng		99
32) Benzoic acid	7.74	122	262344	35.52	ng		92
33) 4-Chloroaniline	8.01	127	171043	11.64	ng	#	91
34) Hexachlorobutadiene	8.06	225	231309	35.94	ng		97
35) Caprolactam	8.38	113	128526m	42.20	ng		
36) 4-Chloro-3-methylphenol	8.51	107	467675	41.49	ng		94
37) 2-Methylnaphthalene	8.64	142	896888	40.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	404359	38.88	ng		99
40) Hexachlorocyclopentadiene	8.80	237	365305	79.69	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	266244	39.74	ng		96
43) 2,4,5-Trichlorophenol	8.97	196	260907	38.33	ng	#	87
45) 1,1'-Biphenyl	9.10	154	1173386	40.12	ng		97
46) 2-Chloronaphthalene	9.13	162	852922	39.60	ng	#	89
47) 2-Nitroaniline	9.23	65	301231	44.17	ng		89
48) Acenaphthylene	9.54	152	1328810	40.65	ng		98
49) Dimethylphthalate	9.41	163	911062	36.53	ng	#	90
50) 2,6-Dinitrotoluene	9.47	165	195262	35.84	ng	#	47
51) Acenaphthene	9.71	154	867082	40.78	ng		96
52) 3-Nitroaniline	9.64	138	121078	19.78	ng	#	73
53) 2,4-Dinitrophenol	9.76	184	213720	84.63	ng		93
54) Dibenzofuran	9.88	168	1157186	44.52	ng		97
55) 4-Nitrophenol	9.82	139	257823	57.30	ng	#	75
56) 2,4-Dinitrotoluene	9.88	165	294307	42.35	ng		91
57) Fluorene	10.22	166	913414	42.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	223103	43.05	ng	#	85
59) Diethylphthalate	10.11	149	901566	37.02	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	373768	40.22	ng		90
61) 4-Nitroaniline	10.26	138	234489	39.31	ng		83
62) Azobenzene	10.37	77	975926	41.68	ng		88
64) 4,6-Dinitro-2-methylphenol	10.28	198	134545	37.29	ng	#	52
65) n-Nitrosodiphenylamine	10.34	169	745038	40.14	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	280479	43.44	ng	#	93
67) Hexachlorobenzene	10.76	284	272928	38.80	ng	#	83
68) Atrazine	10.88	200	280397	47.84	ng		97
69) Pentachlorophenol	10.97	266	229767	69.49	ng		98
70) Phenanthrene	11.17	178	1226533	37.83	ng		97
71) Anthracene	11.23	178	1395200	42.71	ng		100
72) Carbazole	11.39	167	1260124	44.23	ng		98
73) Di-n-butylphthalate	11.72	149	1411865	38.93	ng	#	97
74) Fluoranthene	12.35	202	1291046	39.34	ng		99
76) Benzidine	12.49	184	388366	26.72	ng		98
77) Pyrene	12.58	202	1230416	38.48	ng		99
79) Butylbenzylphthalate	13.22	149	622440	42.91	ng	#	89
80) Benzo(a)anthracene	13.77	228	1068101	41.21	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	156205	17.02	ng	#	94
82) Chrysene	13.80	228	857206	34.10	ng		100
83) Bis(2-ethylhexyl)phthalate	13.78	149	785113	43.49	ng	#	97
84) Di-n-octyl phthalate	14.39	149	1187569	39.88	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.40	276	825549	41.73	ng		98
87) Benzo(b)fluoranthene	14.77	252	977114m	42.86	ng		
88) Benzo(k)fluoranthene	14.80	252	689908m	36.60	ng		
89) Benzo(a)pyrene	15.08	252	779062	40.11	ng	#	95
90) Dibenzo(a,h)anthracene	16.41	278	679526	41.56	ng		98
91) Benzo(g,h,i)perylene	16.77	276	698833	42.43	ng		99

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

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