Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083560.D
Acq On : 7 Dec 2015 17:00
Operator : UM/IZ
Sample : PB87075BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Manual Integrations APPROVED
Mmdadoda
12/8/2015 6:15:39 PM

Quant Time: Dec 08 01:29:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	140583	20.00	ng		-0.05
21) Naphthalene-d8	7.63	136	561613	20.00	ng		-0.05
38) Acenaphthene-d10	10.42	164	281007	20.00	ng		-0.05
63) Phenanthrene-d10	12.82	188	529724	20.00	ng		-0.03
75) Chrysene-d12	17.01	240	445883	20.00	ng		-0.03
86) Perylene-d12	18.66	264	350311	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.01	112	1187584	128.16	ng		-0.02
7) Phenol-d6	5.29	99	1616301	126.60	ng		-0.03
23) Nitrobenzene-d5	6.56	82	1013171	84.33	ng		-0.05
41) 2,4,6-Tribromophenol	11.71	330	328182	126.60	ng		-0.05
44) 2-Fluorobiphenyl	9.37	172	1659781	80.11	ng		-0.06
78) Terphenyl-d14	15.45	244	1592122	79.46	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	143874	29.60	ng	#	77
3) Pyridine	2.33	79	514665	44.37	ng		98
4) n-Nitrosodimethylamine	2.29	42	271309	46.44	ng		92
6) Aniline	5.28	93	474390	28.55	ng		96
8) 2-Chlorophenol	5.45	128	459871	44.62	ng		93
9) Benzaldehyde	5.13	77	142928	19.53	ng		99
10) Phenol	5.31	94	650217	43.55	ng	#	77
11) bis(2-Chloroethyl)ether	5.39	93	469351	42.42	ng		95
12) 1,3-Dichlorobenzene	5.64	146	489028	42.79	ng		98
13) 1,4-Dichlorobenzene	5.74	146	500987	42.92	ng		99
14) 1,2-Dichlorobenzene	5.96	146	472205	44.00	ng		98
15) Benzyl Alcohol	5.97	79	476258	53.77	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.16	45	869009	42.36	ng		93
17) 2-Methylphenol	6.16	107	390069	45.86	ng		97
18) Hexachloroethane	6.44	117	178100	43.72	ng		92
19) n-Nitroso-di-n-propylamine	6.36	70	406289	47.70	ng		97
20) 3+4-Methylphenols	6.40	107	524542	47.48	ng		99
22) Acetophenone	6.34	105	681491	42.12	ng	#	99
24) Nitrobenzene	6.58	77	549375	41.52	ng		99
25) Isophorone	6.96	82	1020544	44.23	ng		98
26) 2-Nitrophenol	7.06	139	239993	45.96	ng		96
27) 2,4-Dimethylphenol	7.18	122	419467	45.47	ng		96
28) bis(2-Chloroethoxy)methane	7.31	93	614189	47.76	ng		99
29) 2,4-Dichlorophenol	7.46	162	395442	47.47	ng		98
30) 1,2,4-Trichlorobenzene	7.55	180	405047	43.98	ng		99
31) Naphthalene	7.65	128	1312581	43.91	ng		99
32) Benzoic acid	7.49	122	230032	44.13	ng		97
33) 4-Chloroaniline	7.79	127	226689	19.39	ng		94
34) Hexachlorobutadiene	7.87	225	234630	43.11	ng		97
35) Caprolactam	8.40	113	128255m	48.40	ng		
36) 4-Chloro-3-methylphenol	8.64	107	434370	46.33	ng		99
37) 2-Methylnaphthalene	8.76	142	875275	47.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	393763	42.61	ng	#	100
40) Hexachlorocyclopentadiene	9.01	237	220953	63.46	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	251119	43.29	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	264372	44.24	ng		96
45) 1,1'-Biphenyl	9.52	154	1033210	41.38	ng		98
46) 2-Chloronaphthalene	9.54	162	826219	43.91	ng		99
47) 2-Nitroaniline	9.74	65	319131	47.61	ng		97
48) Acenaphthylene	10.19	152	1320946	42.87	ng		100
49) Dimethylphthalate	10.08	163	987018	44.63	ng		99
50) 2,6-Dinitrotoluene	10.16	165	214423	46.04	ng		97
51) Acenaphthene	10.48	154	776609	43.80	ng		98
52) 3-Nitroaniline	10.42	138	129369	25.77	ng	#	97
53) 2,4-Dinitrophenol	10.61	184	199156m	82.74	ng		
54) Dibenzofuran	10.76	168	1198883	48.81	ng		99
55) 4-Nitrophenol	10.81	139	226096	79.95	ng		89
56) 2,4-Dinitrotoluene	10.82	165	295441	48.57	ng	#	83
57) Fluorene	11.31	166	956111	44.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.99	232	229146	51.27	ng	#	100
59) Diethylphthalate	11.22	149	969048	45.53	ng		99
60) 4-Chlorophenyl-phenylether	11.33	204	448991	43.84	ng		98
61) 4-Nitroaniline	11.42	138	201488	44.29	ng		88
62) Azobenzene	11.60	77	1227693	54.06	ng		99
64) 4,6-Dinitro-2-methylphenol	11.48	198	157206	44.27	ng		84
65) n-Nitrosodiphenylamine	11.55	169	818904	46.69	ng		98
66) 4-Bromophenyl-phenylether	12.12	248	259891	44.90	ng		97
67) Hexachlorobenzene	12.19	284	283068	45.75	ng		96
68) Atrazine	12.47	200	256263	48.32	ng		100
69) Pentachlorophenol	12.56	266	212564	75.82	ng		98
70) Phenanthrene	12.85	178	1386658	44.97	ng		99
71) Anthracene	12.93	178	1440295	45.80	ng		99
72) Carbazole	13.23	167	1267548	46.94	ng		98
73) Di-n-butylphthalate	13.87	149	1549162	47.64	ng		99
74) Fluoranthene	14.77	202	1442613	47.21	ng		97
76) Benzidine	15.05	184	508300	31.55	ng		97
77) Pyrene	15.14	202	1470207	44.08	ng		99
79) Butylbenzylphthalate	16.27	149	642011	48.95	ng		90
80) Benzo(a)anthracene	17.00	228	1180211	45.24	ng		99
81) 3,3'-Dichlorobenzidine	17.00	252	232136	27.82	ng		98
82) Chrysene	17.05	228	1130596	43.50	ng		99
83) Bis(2-ethylhexyl)phthalate	17.12	149	839336	48.77	ng	#	97
84) Di-n-octyl phthalate	17.88	149	1288377	52.49	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.89	276	903410	40.55	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	896909m	45.59	ng		
88) Benzo(k)fluoranthene	18.31	252	992952m	49.27	ng		
89) Benzo(a)pyrene	18.60	252	887800	46.39	ng	#	95
90) Dibenzo(a,h)anthracene	19.89	278	765418	41.57	ng		97
91) Benzo(g,h,i)perylene	20.25	276	757257	40.81	ng		98

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

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