Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083951.D
Acq On : 19 Dec 2015 13:44
Operator : UM/SJ
Sample : PB87402BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87402BS

Manual Integrations APPROVED
apatel
12/22/2015 11:59:30 AM

Quant Time: Dec 21 03:07:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	75418	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	302846	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	153618	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	279978	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	236062	20.00	ng		-0.02
86) Perylene-d12	15.44	264	180937	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	279158	57.93	ng		-0.01
7) Phenol-d6	6.50	99	357541	60.61	ng		-0.01
23) Nitrobenzene-d5	7.41	82	327496	61.72	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	107889	63.75	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	659047	57.19	ng		-0.03
78) Terphenyl-d14	12.96	244	680775	66.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	47334	22.64	ng		98
3) Pyridine	3.24	79	121691	23.54	ng		98
4) n-Nitrosodimethylamine	3.18	42	58757	29.80	ng		97
6) Aniline	6.51	93	99654	13.12	ng	#	1
8) 2-Chlorophenol	6.64	128	163130	28.44	ng		96
9) Benzaldehyde	6.40	77	69947	19.68	ng		94
10) Phenol	6.51	94	202007	30.69	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	143962	28.79	ng		96
12) 1,3-Dichlorobenzene	6.80	146	173147	28.07	ng		97
13) 1,4-Dichlorobenzene	6.86	146	169829	26.97	ng		97
14) 1,2-Dichlorobenzene	7.02	146	172371	32.96	ng		96
15) Benzyl Alcohol	7.00	79	147263	32.99	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	145132	28.15	ng		68
17) 2-Methylphenol	7.12	107	128701	28.61	ng		95
18) Hexachloroethane	7.37	117	67305	29.13	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	103320	30.05	ng	#	87
20) 3+4-Methylphenols	7.28	107	171931	32.52	ng	#	48
22) Acetophenone	7.26	105	223625	30.67	ng	#	95
24) Nitrobenzene	7.44	77	171196	31.20	ng		93
25) Isophorone	7.68	82	295212	29.57	ng		98
26) 2-Nitrophenol	7.76	139	91334	32.15	ng		97
27) 2,4-Dimethylphenol	7.80	122	162820	33.27	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	172748	29.25	ng		99
29) 2,4-Dichlorophenol	8.00	162	132652	29.88	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	135002	28.32	ng		98
31) Naphthalene	8.16	128	474018	30.35	ng		100
32) Benzoic acid	7.93	122	68349	40.39	ng		92
33) 4-Chloroaniline	8.20	127	55990	8.14	ng		98
34) Hexachlorobutadiene	8.28	225	85053	28.57	ng		98
35) Caprolactam	8.58	113	46643m	31.80	ng		
36) 4-Chloro-3-methylphenol	8.70	107	167850	33.03	ng		99
37) 2-Methylnaphthalene	8.85	142	342142	32.51	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	131509	27.15	ng		97
40) Hexachlorocyclopentadiene	9.00	237	76576	54.96	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	88116	27.55	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	93764	29.63	ng	#	84
45) 1,1'-Biphenyl	9.31	154	379785	28.86	ng		99
46) 2-Chloronaphthalene	9.33	162	286878	27.75	ng		100
47) 2-Nitroaniline	9.44	65	89808	29.56	ng	#	60
48) Acenaphthylene	9.76	152	498938	27.86	ng		100
49) Dimethylphthalate	9.62	163	390585	30.30	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	83978	29.87	ng	#	80
51) Acenaphthene	9.93	154	339395	30.82	ng		99
52) 3-Nitroaniline	9.84	138	39066	13.18	ng		98
53) 2,4-Dinitrophenol	9.95	184	56594	59.14	ng	#	70
54) Dibenzofuran	10.10	168	450265	31.49	ng		99
55) 4-Nitrophenol	10.02	139	95899	51.83	ng	#	78
56) 2,4-Dinitrotoluene	10.09	165	106449	29.53	ng	#	80
57) Fluorene	10.44	166	348045	31.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	76027	32.47	ng		94
59) Diethylphthalate	10.32	149	390482	29.30	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	160978	29.37	ng		98
61) 4-Nitroaniline	10.45	138	71997	23.48	ng		94
62) Azobenzene	10.59	77	364089	32.59	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	47252	29.15	ng	#	69
65) n-Nitrosodiphenylamine	10.54	169	284578	27.93	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	96531	28.20	ng		97
67) Hexachlorobenzene	10.99	284	113413	31.47	ng		99
68) Atrazine	11.08	200	102989	31.91	ng		94
69) Pentachlorophenol	11.18	266	90511	60.41	ng		98
70) Phenanthrene	11.40	178	490026	28.97	ng		99
71) Anthracene	11.45	178	477270	29.19	ng		100
72) Carbazole	11.60	167	444289	27.50	ng		99
73) Di-n-butylphthalate	11.94	149	620047	32.66	ng		100
74) Fluoranthene	12.58	202	482448	28.58	ng		100
76) Benzidine	12.69	184	121918	12.90	ng		99
77) Pyrene	12.81	202	491976	33.60	ng		100
79) Butylbenzylphthalate	13.43	149	243057	30.93	ng		98
80) Benzo(a)anthracene	14.00	228	407872	28.10	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	74781	13.79	ng	#	93
82) Chrysene	14.03	228	374715	26.73	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	329181	31.37	ng		100
84) Di-n-octyl phthalate	14.60	149	580662	35.37	ng		100
85) Indeno(1,2,3-cd)pyrene	16.85	276	328980	31.38	ng		99
87) Benzo(b)fluoranthene	15.03	252	442742m	33.56	ng		
88) Benzo(k)fluoranthene	15.06	252	273461m	25.13	ng		
89) Benzo(a)pyrene	15.38	252	325813	29.91	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	277639	32.76	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	274246	33.02	ng		99

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

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