Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083952.D
Acq On : 19 Dec 2015 14:12
Operator : UM/SJ
Sample : PB87402BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87402BSD

Manual Integrations APPROVED
apatel
12/22/2015 12:00:03 PM

Quant Time: Dec 21 03:09:11 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	59774	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	237103	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	123444	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	228248	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	201935	20.00	ng		-0.02
86) Perylene-d12	15.44	264	148667	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	254563	66.65	ng		-0.01
7) Phenol-d6	6.50	99	321380	68.74	ng		-0.01
23) Nitrobenzene-d5	7.41	82	270161	65.03	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	96009	70.60	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	563520	61.33	ng		-0.03
78) Terphenyl-d14	12.96	244	647637	74.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	40515	24.45	ng	#	96
3) Pyridine	3.23	79	117632	28.71	ng		99
4) n-Nitrosodimethylamine	3.17	42	49200	31.48	ng		100
6) Aniline	6.51	93	103649	17.21	ng	#	14
8) 2-Chlorophenol	6.64	128	142493	31.35	ng		100
9) Benzaldehyde	6.40	77	58162	20.65	ng		89
10) Phenol	6.51	94	182818	35.04	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	121090	30.55	ng		93
12) 1,3-Dichlorobenzene	6.80	146	147784	30.23	ng		97
13) 1,4-Dichlorobenzene	6.86	146	149682	29.99	ng		97
14) 1,2-Dichlorobenzene	7.02	146	146828	35.73	ng		97
15) Benzyl Alcohol	7.00	79	122115	34.52	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	125253	30.65	ng		80
17) 2-Methylphenol	7.12	107	114457	32.10	ng		96
18) Hexachloroethane	7.37	117	56512	30.86	ng	#	90
19) n-Nitroso-di-n-propylamine	7.26	70	87253	32.01	ng	#	87
20) 3+4-Methylphenols	7.28	107	149960	35.79	ng	#	47
22) Acetophenone	7.26	105	193195	33.84	ng	#	94
24) Nitrobenzene	7.44	77	149279	34.75	ng		91
25) Isophorone	7.68	82	256956	32.87	ng		97
26) 2-Nitrophenol	7.76	139	79660	35.82	ng		98
27) 2,4-Dimethylphenol	7.80	122	138038	36.03	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	149567	32.35	ng		100
29) 2,4-Dichlorophenol	8.00	162	113228	32.58	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	115094	30.83	ng		99
31) Naphthalene	8.16	128	410544	33.82	ng		99
32) Benzoic acid	7.93	122	62561	45.29	ng		96
33) 4-Chloroaniline	8.20	127	63731	11.84	ng		98
34) Hexachlorobutadiene	8.28	225	72879	31.27	ng		99
35) Caprolactam	8.57	113	38093m	33.17	ng		
36) 4-Chloro-3-methylphenol	8.70	107	142625	36.01	ng		91
37) 2-Methylnaphthalene	8.85	142	291928	35.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	114514	29.42	ng		97
40) Hexachlorocyclopentadiene	9.00	237	63470	56.02	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	79464	30.92	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	85521	33.63	ng	#	87
45) 1,1'-Biphenyl	9.31	154	346859	33.04	ng		99
46) 2-Chloronaphthalene	9.33	162	252634	30.58	ng		99
47) 2-Nitroaniline	9.44	65	81621	33.43	ng	#	61
48) Acenaphthylene	9.76	152	430725	29.93	ng		100
49) Dimethylphthalate	9.62	163	342409	33.06	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	75107	33.24	ng	#	86
51) Acenaphthene	9.93	154	297105	33.58	ng		99
52) 3-Nitroaniline	9.84	138	39765	16.70	ng		97
53) 2,4-Dinitrophenol	9.95	184	50421	64.45	ng	#	68
54) Dibenzofuran	10.10	168	391288	34.05	ng		99
55) 4-Nitrophenol	10.02	139	86854	58.41	ng	#	81
56) 2,4-Dinitrotoluene	10.08	165	93697	32.35	ng		90
57) Fluorene	10.44	166	303522	33.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	65916	35.03	ng		98
59) Diethylphthalate	10.32	149	356087	33.25	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	145052	32.93	ng		99
61) 4-Nitroaniline	10.45	138	64222	26.06	ng		99
62) Azobenzene	10.59	77	325293	36.24	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	42093	31.48	ng	#	70
65) n-Nitrosodiphenylamine	10.54	169	255617	30.78	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	82243	29.47	ng		96
67) Hexachlorobenzene	10.99	284	100388	34.17	ng		99
68) Atrazine	11.08	200	90667	34.46	ng		93
69) Pentachlorophenol	11.18	266	82083	66.67	ng		99
70) Phenanthrene	11.40	178	439757	31.89	ng		100
71) Anthracene	11.45	178	441921	33.15	ng		99
72) Carbazole	11.60	167	418260	31.76	ng		99
73) Di-n-butylphthalate	11.94	149	557929	36.05	ng		100
74) Fluoranthene	12.58	202	435008	31.61	ng		100
76) Benzidine	12.69	184	117990	14.59	ng		99
77) Pyrene	12.81	202	444229	35.36	ng		99
79) Butylbenzylphthalate	13.42	149	227374	33.82	ng		98
80) Benzo(a)anthracene	14.00	228	383652	30.90	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	81861	17.64	ng	#	94
82) Chrysene	14.03	228	327795	27.33	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	311132	34.67	ng		100
84) Di-n-octyl phthalate	14.60	149	530829	37.79	ng		100
85) Indeno(1,2,3-cd)pyrene	16.85	276	297532	33.18	ng		99
87) Benzo(b)fluoranthene	15.03	252	318226m	29.36	ng		
88) Benzo(k)fluoranthene	15.06	252	341108m	38.15	ng		
89) Benzo(a)pyrene	15.38	252	295555	33.02	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	248297	35.66	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	249429	36.55	ng		99

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

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