Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080636.D
Acq On : 24 Jul 2015 20:21
Operator : TP/UM
Sample : PB84491BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Manual Integrations APPROVED
apatel
7/27/2015 4:22:01 PM

Quant Time: Jul 25 05:26:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57216	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	205752	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	109320	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	207041	20.00	ng		0.00
75) Chrysene-d12	14.25	240	210609	20.00	ng		0.09
86) Perylene-d12	15.91	264	202296	20.00	ng		0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	324317	95.44	ng		0.00
7) Phenol-d6	6.54	99	429103	105.73	ng		0.00
23) Nitrobenzene-d5	7.49	82	283567	69.22	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	115502	117.60	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	474538	66.98	ng		0.00
78) Terphenyl-d14	13.08	244	552334	56.47	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	38027	24.93	ng		91
3) Pyridine	3.25	79	101732	28.27	ng		93
4) n-Nitrosodimethylamine	3.16	42	72193	30.78	ng		99
6) Aniline	6.59	93	102612	17.87	ng		90
8) 2-Chlorophenol	6.70	128	113938	30.53	ng		99
9) Benzaldehyde	6.48	77	28845	10.88	ng		93
10) Phenol	6.56	94	170064	34.60	ng		97
11) bis(2-Chloroethyl)ether	6.66	93	117949	32.63	ng		96
12) 1,3-Dichlorobenzene	6.86	146	122657	30.43	ng		96
13) 1,4-Dichlorobenzene	6.94	146	129042	30.92	ng		96
14) 1,2-Dichlorobenzene	7.10	146	124427	30.31	ng		99
15) Benzyl Alcohol	7.06	79	103450	30.68	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	194315	31.64	ng		99
17) 2-Methylphenol	7.17	107	93213	31.41	ng		99
18) Hexachloroethane	7.45	117	49574	30.37	ng		97
19) n-Nitroso-di-n-propylamine	7.33	70	81082	27.68	ng		96
20) 3+4-Methylphenols	7.33	107	117532	30.54	ng		93
22) Acetophenone	7.33	105	165216	30.92	ng		97
24) Nitrobenzene	7.50	77	121389	29.73	ng		97
25) Isophorone	7.74	82	213648	29.74	ng		99
26) 2-Nitrophenol	7.84	139	48153	32.32	ng		98
27) 2,4-Dimethylphenol	7.86	122	96294	32.26	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	126595	30.40	ng		100
29) 2,4-Dichlorophenol	8.06	162	91903	32.28	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	95848	28.38	ng		97
31) Naphthalene	8.24	128	311318	30.20	ng		100
32) Benzoic acid	7.93	122	53114	32.62	ng		97
33) 4-Chloroaniline	8.28	127	67767	14.97	ng		98
34) Hexachlorobutadiene	8.36	225	71039	30.44	ng		97
35) Caprolactam	8.61	113	25526	31.31	ng	#	59
36) 4-Chloro-3-methylphenol	8.76	107	95422	31.23	ng	#	74
37) 2-Methylnaphthalene	8.93	142	225473	30.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	97635	30.92	ng		99
40) Hexachlorocyclopentadiene	9.09	237	136180	72.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	69944	32.47	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	75390	33.41	ng		96
45) 1,1'-Biphenyl	9.39	154	243885	31.93	ng		98
46) 2-Chloronaphthalene	9.41	162	203170	31.80	ng		98
47) 2-Nitroaniline	9.50	65	65878	33.63	ng		97
48) Acenaphthylene	9.84	152	351884	32.55	ng		99
49) Dimethylphthalate	9.69	163	248361	31.76	ng		99
50) 2,6-Dinitrotoluene	9.74	165	48573	34.79	ng		94
51) Acenaphthene	10.01	154	240461	36.63	ng		98
52) 3-Nitroaniline	9.92	138	37810	22.77	ng		99
53) 2,4-Dinitrophenol	10.02	184	50067	70.38	ng	#	86
54) Dibenzofuran	10.18	168	316438	33.78	ng		98
55) 4-Nitrophenol	10.06	139	97660	74.49	ng	#	83
56) 2,4-Dinitrotoluene	10.16	165	63990	34.68	ng	#	40
57) Fluorene	10.52	166	244871	33.20	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.29	232	63773	35.42	ng		98
59) Diethylphthalate	10.40	149	261793	33.68	ng		99
60) 4-Chlorophenyl-phenylether	10.52	204	106743	32.57	ng		94
61) 4-Nitroaniline	10.52	138	55900	34.59	ng		97
62) Azobenzene	10.67	77	249472	33.53	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	34289	33.70	ng		94
65) n-Nitrosodiphenylamine	10.62	169	194440	30.65	ng		100
66) 4-Bromophenyl-phenylether	11.00	248	58622	30.05	ng	#	87
67) Hexachlorobenzene	11.07	284	77033	32.42	ng		97
68) Atrazine	11.15	200	58126	31.52	ng		97
69) Pentachlorophenol	11.26	266	81886	69.10	ng		98
70) Phenanthrene	11.48	178	367236	32.13	ng		99
71) Anthracene	11.54	178	362688	32.90	ng		100
72) Carbazole	11.69	167	339309	33.99	ng		99
73) Di-n-butylphthalate	12.03	149	417898	33.79	ng		100
74) Fluoranthene	12.69	202	379697	34.38	ng		93
76) Benzidine	12.82	184	414016	57.83	ng		99
77) Pyrene	12.93	202	384147	29.12	ng		98
79) Butylbenzylphthalate	13.61	149	175330	30.73	ng		97
80) Benzo(a)anthracene	14.24	228	384280	31.10	ng		98
81) 3,3'-Dichlorobenzidine	14.20	252	111486	27.75	ng	#	94
82) Chrysene	14.28	228	365184	31.55	ng		99
83) Bis(2-ethylhexyl)phthalate	14.25	149	263455	30.64	ng	#	97
84) Di-n-octyl phthalate	15.00	149	438923	31.69	ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.40	276	445919	35.55	ng		100
87) Benzo(b)fluoranthene	15.46	252	430574	35.11	ng		98
88) Benzo(k)fluoranthene	15.49	252	297047m	27.05	ng		
89) Benzo(a)pyrene	15.84	252	360993	32.73	ng		98
90) Dibenzo(a,h)anthracene	17.43	278	374908	32.27	ng		97
91) Benzo(g,h,i)perylene	17.85	276	384075	32.55	ng		99

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

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