Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081047.D
Acq On : 18 Aug 2015 17:36
Operator : UM/IZ
Sample : PB85031BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:17:55 PM

Quant Time: Aug 19 01:17:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53446	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	227081	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	107333	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	220114	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	185923	20.00	ng		-0.01
86) Perylene-d12	15.07	264	169156	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	410260	115.46	ng		0.00
7) Phenol-d6	6.26	99	561879	121.19	ng		0.00
23) Nitrobenzene-d5	7.18	82	329848	66.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.43	330	113740	122.25	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	552901	67.50	ng		-0.02
78) Terphenyl-d14	12.70	244	634385	73.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	50895	30.40	ng	#	93
3) Pyridine	2.71	79	163048	34.50	ng		83
4) n-Nitrosodimethylamine	2.66	42	93813	35.65	ng	#	78
6) Aniline	6.26	93	187276	27.78	ng	#	52
8) 2-Chlorophenol	6.39	128	149206	38.36	ng		95
9) Benzaldehyde	6.15	77	92194	30.85	ng		91
10) Phenol	6.27	94	249756	45.61	ng		82
11) bis(2-Chloroethyl)ether	6.35	93	167188	39.79	ng		93
12) 1,3-Dichlorobenzene	6.55	146	159425	38.15	ng		97
13) 1,4-Dichlorobenzene	6.63	146	160332	38.74	ng		98
14) 1,2-Dichlorobenzene	6.78	146	142808	36.87	ng		98
15) Benzyl Alcohol	6.76	79	159961	42.64	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	311986	37.79	ng		98
17) 2-Methylphenol	6.88	107	126882	38.02	ng		97
18) Hexachloroethane	7.12	117	61404	36.72	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	127967	39.85	ng		91
20) 3+4-Methylphenols	7.04	107	167425	39.53	ng	#	50
22) Acetophenone	7.03	105	223078	37.42	ng		91
24) Nitrobenzene	7.20	77	200279	38.53	ng		99
25) Isophorone	7.44	82	331185	35.73	ng		98
26) 2-Nitrophenol	7.52	139	85019	39.33	ng	#	64
27) 2,4-Dimethylphenol	7.56	122	142882	37.37	ng		95
28) bis(2-Chloroethoxy)methane	7.66	93	196511	35.88	ng		99
29) 2,4-Dichlorophenol	7.76	162	129322	40.17	ng		91
30) 1,2,4-Trichlorobenzene	7.84	180	125754	35.15	ng		98
31) Naphthalene	7.92	128	478205	37.78	ng		99
32) Benzoic acid	7.70	122	105522	49.06	ng		94
33) 4-Chloroaniline	7.98	127	95606	17.90	ng	#	83
34) Hexachlorobutadiene	8.04	225	74860	37.00	ng		97
35) Caprolactam	8.34	113	51666m	45.92	ng		
36) 4-Chloro-3-methylphenol	8.47	107	171030	44.58	ng		92
37) 2-Methylnaphthalene	8.60	142	293854	36.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	128058	36.98	ng		98
40) Hexachlorocyclopentadiene	8.76	237	149471	83.39	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	95161	38.90	ng		96
43) 2,4,5-Trichlorophenol	8.92	196	89859	36.75	ng	#	85
45) 1,1'-Biphenyl	9.07	154	393108	41.58	ng		97
46) 2-Chloronaphthalene	9.10	162	270455	35.61	ng		97
47) 2-Nitroaniline	9.19	65	105545	33.96	ng		99
48) Acenaphthylene	9.50	152	457445	33.67	ng		98
49) Dimethylphthalate	9.38	163	340918	38.57	ng		100
50) 2,6-Dinitrotoluene	9.44	165	79428	41.85	ng		89
51) Acenaphthene	9.68	154	285915	35.15	ng		99
52) 3-Nitroaniline	9.60	138	56954	23.98	ng		98
53) 2,4-Dinitrophenol	9.71	184	102736	93.31	ng	#	66
54) Dibenzofuran	9.85	168	431307	39.57	ng		98
55) 4-Nitrophenol	9.78	139	153708	92.15	ng	#	61
56) 2,4-Dinitrotoluene	9.84	165	102242	40.65	ng	#	80
57) Fluorene	10.18	166	288827	34.45	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.96	232	77613m	41.01	ng		
59) Diethylphthalate	10.08	149	382285	40.86	ng		97
60) 4-Chlorophenyl-phenylether	10.18	204	140437	39.58	ng		99
61) 4-Nitroaniline	10.22	138	92748	38.21	ng		93
62) Azobenzene	10.34	77	446740	41.44	ng		97
64) 4,6-Dinitro-2-methylphenol	10.24	198	54344	41.34	ng		93
65) n-Nitrosodiphenylamine	10.31	169	319897	40.71	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	85942	39.74	ng		98
67) Hexachlorobenzene	10.73	284	91529	41.80	ng		96
68) Atrazine	10.83	200	93795	42.85	ng		97
69) Pentachlorophenol	10.92	266	110481	84.08	ng		100
70) Phenanthrene	11.14	178	483816	37.09	ng		99
71) Anthracene	11.19	178	503809	39.69	ng		99
72) Carbazole	11.35	167	539406	44.13	ng		99
73) Di-n-butylphthalate	11.69	149	635704	42.99	ng		98
74) Fluoranthene	12.31	202	568218	40.37	ng		93
76) Benzidine	12.45	184	319721	45.52	ng		99
77) Pyrene	12.54	202	525829	34.79	ng		99
79) Butylbenzylphthalate	13.18	149	304138	46.81	ng	#	79
80) Benzo(a)anthracene	13.73	228	511322	41.01	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	98966	24.50	ng		99
82) Chrysene	13.76	228	461054	41.03	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	396808	47.68	ng	#	97
84) Di-n-octyl phthalate	14.34	149	704516	55.70	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	392490	49.75	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	489993m	40.95	ng		
88) Benzo(k)fluoranthene	14.74	252	351080m	31.49	ng		
89) Benzo(a)pyrene	15.03	252	422083	40.49	ng		97
90) Dibenzo(a,h)anthracene	16.32	278	327811	40.35	ng		97
91) Benzo(g,h,i)perylene	16.66	276	313302	38.01	ng	#	88

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

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