Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081808.D
Acq On : 25 Sep 2015 17:44
Operator : UM/IZ
Sample : PB85698BSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85698BSD

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:03 PM

Quant Time: Sep 26 00:56:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	159374	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	611669	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	324308	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	613402	20.00	ng		0.00
75) Chrysene-d12	14.12	240	508281	20.00	ng		0.00
86) Perylene-d12	15.59	264	401246	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	476231	50.55	ng		0.00
7) Phenol-d6	6.56	99	620559	52.08	ng		-0.01
23) Nitrobenzene-d5	7.51	82	563145	60.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	183225	65.08	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	1189493	60.21	ng		0.00
78) Terphenyl-d14	13.06	244	1167628	52.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	98994	21.23	ng		90
3) Pyridine	3.43	79	279421	21.24	ng		86
4) n-Nitrosodimethylamine	3.38	42	136393	21.97	ng		98
6) Aniline	6.61	93	204094	11.44	ng		96
8) 2-Chlorophenol	6.72	128	280034	26.98	ng	#	80
9) Benzaldehyde	6.49	77	94348	13.39	ng	#	82
10) Phenol	6.57	94	319514	23.09	ng	#	62
11) bis(2-Chloroethyl)ether	6.67	93	249837	24.61	ng		93
12) 1,3-Dichlorobenzene	6.88	146	313953m	25.56	ng		
13) 1,4-Dichlorobenzene	6.96	146	316601m	25.47	ng		
14) 1,2-Dichlorobenzene	7.12	146	307424	26.59	ng		100
15) Benzyl Alcohol	7.09	79	270201	28.75	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.22	45	428253	24.66	ng		89
17) 2-Methylphenol	7.19	107	231880	26.45	ng	#	85
18) Hexachloroethane	7.46	117	113420	28.02	ng	#	70
19) n-Nitroso-di-n-propylamine	7.36	70	210372	26.48	ng	#	78
20) 3+4-Methylphenols	7.35	107	310373	28.18	ng	#	71
22) Acetophenone	7.36	105	390271	29.09	ng	#	83
24) Nitrobenzene	7.53	77	327704	31.68	ng	#	75
25) Isophorone	7.77	82	570402	27.77	ng	#	95
26) 2-Nitrophenol	7.85	139	143794	38.28	ng	#	93
27) 2,4-Dimethylphenol	7.87	122	268225	28.80	ng	#	81
28) bis(2-Chloroethoxy)methane	7.98	93	330624	27.56	ng	#	93
29) 2,4-Dichlorophenol	8.08	162	254469	29.35	ng		93
30) 1,2,4-Trichlorobenzene	8.17	180	276680	28.43	ng		98
31) Naphthalene	8.25	128	769984	27.29	ng		97
32) Benzoic acid	7.94	122	58323	32.16	ng	#	70
33) 4-Chloroaniline	8.30	127	109334	8.83	ng	#	88
34) Hexachlorobutadiene	8.37	225	159455	27.78	ng		98
35) Caprolactam	8.66	113	72726	31.39	ng	#	68
36) 4-Chloro-3-methylphenol	8.78	107	260544	29.98	ng		84
37) 2-Methylnaphthalene	8.95	142	615156	30.59	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	264108	25.52	ng		99
40) Hexachlorocyclopentadiene	9.10	237	306764	69.15	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	205990	30.20	ng		98
43) 2,4,5-Trichlorophenol	9.26	196	209344	31.20	ng	#	96
45) 1,1'-Biphenyl	9.41	154	690306	27.22	ng		93
46) 2-Chloronaphthalene	9.44	162	586437	28.75	ng		98
47) 2-Nitroaniline	9.53	65	182789	33.69	ng	#	81
48) Acenaphthylene	9.85	152	895300	25.93	ng		95
49) Dimethylphthalate	9.71	163	736698	29.85	ng	#	98
50) 2,6-Dinitrotoluene	9.77	165	140197	29.43	ng	#	63
51) Acenaphthene	10.02	154	553686	27.83	ng		90
52) 3-Nitroaniline	9.94	138	87611	16.96	ng	#	95
53) 2,4-Dinitrophenol	10.05	184	59977	72.80	ng	#	84
54) Dibenzofuran	10.19	168	770242	26.39	ng	#	87
55) 4-Nitrophenol	10.09	139	211699	59.42	ng	#	48
56) 2,4-Dinitrotoluene	10.17	165	180725	31.69	ng	#	68
57) Fluorene	10.54	166	606608	27.09	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	172574	33.69	ng		97
59) Diethylphthalate	10.41	149	701803	29.36	ng		97
60) 4-Chlorophenyl-phenylether	10.53	204	285513	27.77	ng	#	78
61) 4-Nitroaniline	10.56	138	165034	32.88	ng	#	68
62) Azobenzene	10.69	77	652133	26.69	ng		88
64) 4,6-Dinitro-2-methylphenol	10.58	198	55979	44.11	ng	#	60
65) n-Nitrosodiphenylamine	10.65	169	601160	29.06	ng		92
66) 4-Bromophenyl-phenylether	11.02	248	193175	28.28	ng	#	89
67) Hexachlorobenzene	11.09	284	224444	31.50	ng	#	78
68) Atrazine	11.18	200	208078	33.64	ng		83
69) Pentachlorophenol	11.28	266	193657	51.34	ng		99
70) Phenanthrene	11.50	178	917000	26.15	ng		95
71) Anthracene	11.56	178	1006025	29.77	ng		96
72) Carbazole	11.70	167	813652	25.94	ng		94
73) Di-n-butylphthalate	12.04	149	1037603	27.17	ng	#	97
74) Fluoranthene	12.69	202	940956	26.63	ng		92
76) Benzidine	12.81	184	313890	18.20	ng		98
77) Pyrene	12.92	202	983878	25.67	ng		95
79) Butylbenzylphthalate	13.53	149	454641	29.77	ng	#	78
80) Benzo(a)anthracene	14.10	228	844516	27.40	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	127025	12.98	ng	#	95
82) Chrysene	14.15	228	837233	28.32	ng		94
83) Bis(2-ethylhexyl)phthalate	14.09	149	590135	31.87	ng	#	92
84) Di-n-octyl phthalate	14.71	149	932448	34.24	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.05	276	714234	26.39	ng	#	87
87) Benzo(b)fluoranthene	15.16	252	677057	28.45	ng	#	87
88) Benzo(k)fluoranthene	15.19	252	695348m	30.34	ng		
89) Benzo(a)pyrene	15.52	252	625643	29.12	ng	#	87
90) Dibenzo(a,h)anthracene	17.08	278	594390	26.55	ng	#	79
91) Benzo(g,h,i)perylene	17.50	276	602818	26.12	ng	#	77

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

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