Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081851.D
Acq On : 28 Sep 2015 19:13
Operator : UM/IZ
Sample : PB85617BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85617BSD

Manual Integrations APPROVED
MMDadoda
9/29/2015 12:10:49 PM

Quant Time: Sep 29 03:40:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	107140	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	419901	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	205777	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	389502	20.00	ng		0.00
75) Chrysene-d12	14.12	240	361128	20.00	ng		0.00
86) Perylene-d12	15.58	264	297474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	505306	85.62	ng		0.01
7) Phenol-d6	6.56	99	633364	85.28	ng		0.00
23) Nitrobenzene-d5	7.50	82	537203	85.28	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	171601	82.34	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1101687	90.78	ng		0.00
78) Terphenyl-d14	13.05	244	962721	86.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	88147	34.34	ng		90
3) Pyridine	3.37	79	247997	37.11	ng	#	84
4) n-Nitrosodimethylamine	3.33	42	119668	39.43	ng		93
6) Aniline	6.59	93	235866	23.64	ng	#	83
8) 2-Chlorophenol	6.71	128	278054	42.66	ng		83
9) Benzaldehyde	6.48	77	93179	19.16	ng	#	83
10) Phenol	6.57	94	361618	43.41	ng		74
11) bis(2-Chloroethyl)ether	6.66	93	267023	41.33	ng		97
12) 1,3-Dichlorobenzene	6.87	146	309983	40.26	ng	#	94
13) 1,4-Dichlorobenzene	6.95	146	329166	40.95	ng	#	94
14) 1,2-Dichlorobenzene	7.10	146	292146m	40.78	ng		
15) Benzyl Alcohol	7.07	79	229961	42.90	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.21	45	396556	43.42	ng		78
17) 2-Methylphenol	7.19	107	226072	42.78	ng	#	86
18) Hexachloroethane	7.44	117	105503	41.92	ng	#	86
19) n-Nitroso-di-n-propylamine	7.35	70	191761	42.48	ng	#	75
20) 3+4-Methylphenols	7.34	107	283066	42.41	ng	#	57
22) Acetophenone	7.35	105	368942	42.97	ng	#	83
24) Nitrobenzene	7.52	77	298033	43.57	ng	#	74
25) Isophorone	7.76	82	516242	41.35	ng	#	97
26) 2-Nitrophenol	7.84	139	144386	43.98	ng	#	81
27) 2,4-Dimethylphenol	7.87	122	258019	44.67	ng	#	85
28) bis(2-Chloroethoxy)methane	7.97	93	314683	42.44	ng	#	93
29) 2,4-Dichlorophenol	8.08	162	249265	44.51	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	268510	42.94	ng		99
31) Naphthalene	8.24	128	770147m	41.39	ng		
32) Benzoic acid	7.99	122	136963	40.92	ng	#	68
33) 4-Chloroaniline	8.30	127	108059	13.43	ng	#	93
34) Hexachlorobutadiene	8.35	225	157291	42.54	ng		98
35) Caprolactam	8.66	113	72823	46.97	ng		100
36) 4-Chloro-3-methylphenol	8.78	107	251844	45.99	ng		87
37) 2-Methylnaphthalene	8.94	142	558205	43.95	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	254772	40.33	ng		100
40) Hexachlorocyclopentadiene	9.09	237	308329	94.78	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	180717	41.73	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	194124	43.59	ng	#	95
45) 1,1'-Biphenyl	9.39	154	655707	41.30	ng		95
46) 2-Chloronaphthalene	9.43	162	531535	42.64	ng		98
47) 2-Nitroaniline	9.52	65	149696	40.91	ng	#	67
48) Acenaphthylene	9.84	152	809623	40.58	ng		96
49) Dimethylphthalate	9.70	163	620423	43.68	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	130008	42.16	ng	#	46
51) Acenaphthene	10.01	154	538506	45.45	ng		88
52) 3-Nitroaniline	9.93	138	81464	22.83	ng	#	57
53) 2,4-Dinitrophenol	10.05	184	119039	79.55	ng	#	78
54) Dibenzofuran	10.18	168	692191	41.34	ng	#	86
55) 4-Nitrophenol	10.10	139	235187	91.23	ng	#	81
56) 2,4-Dinitrotoluene	10.17	165	194196	49.40	ng	#	96
57) Fluorene	10.53	166	534260	44.60	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	157648	44.62	ng		96
59) Diethylphthalate	10.40	149	588295	44.34	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	258818	42.22	ng		92
61) 4-Nitroaniline	10.55	138	143039	39.99	ng	#	45
62) Azobenzene	10.67	77	556425	42.97	ng		87
64) 4,6-Dinitro-2-methylphenol	10.57	198	81046	46.25	ng		96
65) n-Nitrosodiphenylamine	10.64	169	488993	41.49	ng		91
66) 4-Bromophenyl-phenylether	11.02	248	168883	43.00	ng	#	83
67) Hexachlorobenzene	11.07	284	199953	45.11	ng	#	82
68) Atrazine	11.17	200	161729	44.23	ng		83
69) Pentachlorophenol	11.27	266	223618	88.55	ng		99
70) Phenanthrene	11.50	178	865632	46.23	ng		97
71) Anthracene	11.54	178	859709	43.43	ng		97
72) Carbazole	11.70	167	823401	45.96	ng		96
73) Di-n-butylphthalate	12.02	149	845634	46.38	ng	#	98
74) Fluoranthene	12.69	202	908437	43.54	ng		86
76) Benzidine	12.81	184	241551	22.20	ng		98
77) Pyrene	12.92	202	954666	44.25	ng		96
79) Butylbenzylphthalate	13.53	149	378157	46.58	ng		96
80) Benzo(a)anthracene	14.10	228	826563	42.51	ng		96
81) 3,3'-Dichlorobenzidine	14.07	252	152167	23.17	ng	#	93
82) Chrysene	14.14	228	763739m	45.01	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	465767	45.74	ng	#	90
84) Di-n-octyl phthalate	14.70	149	748295	45.15	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.05	276	660048	43.39	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	779054	45.87	ng	#	85
88) Benzo(k)fluoranthene	15.18	252	689696m	44.31	ng		
89) Benzo(a)pyrene	15.52	252	683232	46.38	ng	#	86
90) Dibenzo(a,h)anthracene	17.06	278	536972	43.44	ng	#	82
91) Benzo(g,h,i)perylene	17.50	276	549187	43.36	ng	#	73

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

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