Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081176.D
Acq On : 24 Aug 2015 18:58
Operator : UM/IZ
Sample : PB85151BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85151BS

Manual Integrations APPROVED
MMDadoda
8/25/2015 12:38:50 PM

Quant Time: Aug 24 23:35:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	66942	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	271396	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	117917	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	242357	20.00	ng		0.00
75) Chrysene-d12	13.66	240	217082	20.00	ng		0.00
86) Perylene-d12	14.99	264	152160	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	500719	112.51	ng		0.02
7) Phenol-d6	6.20	99	637409	109.77	ng		0.00
23) Nitrobenzene-d5	7.11	82	425456	71.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	104632	102.36	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	647785	71.98	ng		0.00
78) Terphenyl-d14	12.62	244	645608	63.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	68887	32.85	ng	#	91
3) Pyridine	2.63	79	201721	34.08	ng	#	82
4) n-Nitrosodimethylamine	2.60	42	116161	35.25	ng	#	74
6) Aniline	6.21	93	180910	21.43	ng	#	1
8) 2-Chlorophenol	6.32	128	176714	36.27	ng		94
9) Benzaldehyde	6.08	77	44737	11.95	ng		90
10) Phenol	6.21	94	235657	34.36	ng		93
11) bis(2-Chloroethyl)ether	6.29	93	179115	34.04	ng		91
12) 1,3-Dichlorobenzene	6.48	146	190705	36.43	ng		98
13) 1,4-Dichlorobenzene	6.56	146	194704	37.57	ng		99
14) 1,2-Dichlorobenzene	6.71	146	164462	33.90	ng		98
15) Benzyl Alcohol	6.70	79	163323	34.76	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	360409	34.85	ng		98
17) 2-Methylphenol	6.82	107	161225	38.57	ng		94
18) Hexachloroethane	7.05	117	74436	35.54	ng		98
19) n-Nitroso-di-n-propylamine	6.97	70	136416	33.91	ng		91
20) 3+4-Methylphenols	6.97	107	189978	35.81	ng	#	60
22) Acetophenone	6.96	105	261156	36.65	ng	#	87
24) Nitrobenzene	7.13	77	225010	36.22	ng		99
25) Isophorone	7.37	82	378907	34.20	ng		99
26) 2-Nitrophenol	7.45	139	102178	39.55	ng	#	67
27) 2,4-Dimethylphenol	7.50	122	155426	34.01	ng		95
28) bis(2-Chloroethoxy)methane	7.60	93	244872	37.41	ng	#	98
29) 2,4-Dichlorophenol	7.69	162	145394	37.79	ng		90
30) 1,2,4-Trichlorobenzene	7.77	180	147783	34.56	ng		98
31) Naphthalene	7.85	128	543785	35.94	ng		99
32) Benzoic acid	7.65	122	113356	44.10	ng		92
33) 4-Chloroaniline	7.91	127	104999	16.45	ng	#	85
34) Hexachlorobutadiene	7.98	225	86039	35.58	ng		97
35) Caprolactam	8.28	113	54814m	40.76	ng		
36) 4-Chloro-3-methylphenol	8.40	107	163114	35.57	ng		99
37) 2-Methylnaphthalene	8.54	142	333655	34.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	145313	38.20	ng		98
40) Hexachlorocyclopentadiene	8.70	237	149544	75.94	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	107397	39.96	ng		99
43) 2,4,5-Trichlorophenol	8.87	196	97439	36.27	ng	#	93
45) 1,1'-Biphenyl	9.01	154	429590	41.36	ng		99
46) 2-Chloronaphthalene	9.02	162	290384	34.80	ng	#	91
47) 2-Nitroaniline	9.12	65	115855	33.93	ng		97
48) Acenaphthylene	9.43	152	482609	32.33	ng		99
49) Dimethylphthalate	9.32	163	336491	34.65	ng		99
50) 2,6-Dinitrotoluene	9.37	165	80535	38.63	ng	#	85
51) Acenaphthene	9.60	154	289694	32.42	ng		99
52) 3-Nitroaniline	9.53	138	54978	21.07	ng		95
53) 2,4-Dinitrophenol	9.65	184	93578	80.28	ng	#	69
54) Dibenzofuran	9.77	168	399205	33.34	ng		91
55) 4-Nitrophenol	9.72	139	142024	77.50	ng	#	75
56) 2,4-Dinitrotoluene	9.77	165	104858	37.94	ng	#	74
57) Fluorene	10.12	166	333161	36.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	85445	41.10	ng		94
59) Diethylphthalate	10.01	149	383677	37.33	ng		97
60) 4-Chlorophenyl-phenylether	10.12	204	154957	39.75	ng		95
61) 4-Nitroaniline	10.15	138	99368	37.26	ng		86
62) Azobenzene	10.28	77	462890	39.08	ng		92
64) 4,6-Dinitro-2-methylphenol	10.17	198	50796	35.10	ng		94
65) n-Nitrosodiphenylamine	10.24	169	319922	36.98	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	82859	34.80	ng	#	64
67) Hexachlorobenzene	10.65	284	87139	36.14	ng	#	69
68) Atrazine	10.77	200	82760	34.33	ng		98
69) Pentachlorophenol	10.86	266	108609	75.07	ng		99
70) Phenanthrene	11.06	178	481811	33.54	ng		99
71) Anthracene	11.12	178	528285	37.80	ng		98
72) Carbazole	11.28	167	510266	37.92	ng		97
73) Di-n-butylphthalate	11.62	149	635202	39.01	ng		99
74) Fluoranthene	12.24	202	569773	36.76	ng		94
76) Benzidine	12.37	184	216756	26.43	ng		98
77) Pyrene	12.46	202	586490	33.23	ng		99
79) Butylbenzylphthalate	13.10	149	262674	34.63	ng	#	61
80) Benzo(a)anthracene	13.65	228	491743	33.78	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	113743	24.12	ng	#	94
82) Chrysene	13.68	228	383827	29.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	376888	38.79	ng		100
84) Di-n-octyl phthalate	14.28	149	644794	43.66	ng		98
85) Indeno(1,2,3-cd)pyrene	16.16	276	316966	34.41	ng	#	94
87) Benzo(b)fluoranthene	14.64	252	486808m	45.23	ng		
88) Benzo(k)fluoranthene	14.67	252	305297m	30.44	ng		
89) Benzo(a)pyrene	14.94	252	367910	39.23	ng		97
90) Dibenzo(a,h)anthracene	16.17	278	266044	36.41	ng	#	94
91) Benzo(g,h,i)perylene	16.52	276	268795	36.26	ng	#	93

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

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