Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081168.D
Acq On : 24 Aug 2015 14:21
Operator : UM/IZ
Sample : PB84980BS
Misc : FOR IDOC PURPOSE
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84980BS

Manual Integrations APPROVED
MMDadoda
8/24/2015 7:10:46 PM

Quant Time: Aug 24 15:16:29 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	66512	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	280560	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	123248	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	264312	20.00	ng		0.00
75) Chrysene-d12	13.66	240	229923	20.00	ng		0.00
86) Perylene-d12	14.99	264	155636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	470135	106.32	ng		0.02
7) Phenol-d6	6.20	99	574091	99.50	ng		0.00
23) Nitrobenzene-d5	7.11	82	382448	62.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	99868	93.48	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	590444	62.77	ng		0.00
78) Terphenyl-d14	12.62	244	580635	54.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	57654	27.67	ng		94
3) Pyridine	2.62	79	170606	29.01	ng	#	81
4) n-Nitrosodimethylamine	2.57	42	98594	30.11	ng	#	76
6) Aniline	6.21	93	141360	16.85	ng	#	1
8) 2-Chlorophenol	6.32	128	158031	32.65	ng		95
9) Benzaldehyde	6.08	77	30277	8.14	ng		91
10) Phenol	6.21	94	228317	33.51	ng		87
11) bis(2-Chloroethyl)ether	6.29	93	163771	31.32	ng		91
12) 1,3-Dichlorobenzene	6.48	146	168959	32.49	ng		99
13) 1,4-Dichlorobenzene	6.56	146	169168	32.85	ng		98
14) 1,2-Dichlorobenzene	6.71	146	147163	30.53	ng		99
15) Benzyl Alcohol	6.70	79	152176	32.60	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	325705	31.70	ng		99
17) 2-Methylphenol	6.82	107	144374	34.76	ng		94
18) Hexachloroethane	7.05	117	64896	31.19	ng		96
19) n-Nitroso-di-n-propylamine	6.97	70	126011	31.53	ng		92
20) 3+4-Methylphenols	6.97	107	176780	33.54	ng	#	59
22) Acetophenone	6.96	105	234526	31.84	ng	#	85
24) Nitrobenzene	7.13	77	199956	31.14	ng		98
25) Isophorone	7.37	82	335805	29.32	ng		98
26) 2-Nitrophenol	7.45	139	90378	33.84	ng	#	73
27) 2,4-Dimethylphenol	7.50	122	146302	30.97	ng		96
28) bis(2-Chloroethoxy)methane	7.60	93	226166	33.43	ng		99
29) 2,4-Dichlorophenol	7.69	162	124201	31.23	ng		90
30) 1,2,4-Trichlorobenzene	7.77	180	132126	29.89	ng		99
31) Naphthalene	7.85	128	494505	31.62	ng		99
32) Benzoic acid	7.64	122	105755	39.80	ng		92
33) 4-Chloroaniline	7.91	127	89935	13.63	ng	#	86
34) Hexachlorobutadiene	7.98	225	77795	31.12	ng		98
35) Caprolactam	8.28	113	50018m	35.98	ng		
36) 4-Chloro-3-methylphenol	8.40	107	154952	32.69	ng		100
37) 2-Methylnaphthalene	8.54	142	298452	30.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	129896	32.67	ng		98
40) Hexachlorocyclopentadiene	8.70	237	137052	66.59	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	99309	35.35	ng		97
43) 2,4,5-Trichlorophenol	8.87	196	90560	32.25	ng	#	91
45) 1,1'-Biphenyl	9.01	154	393916	36.29	ng		98
46) 2-Chloronaphthalene	9.02	162	264638	30.34	ng	#	91
47) 2-Nitroaniline	9.12	65	107375	30.09	ng		98
48) Acenaphthylene	9.43	152	442528	28.36	ng		99
49) Dimethylphthalate	9.32	163	328062	32.32	ng		100
50) 2,6-Dinitrotoluene	9.37	165	74479	34.18	ng		86
51) Acenaphthene	9.60	154	265433	28.42	ng		100
52) 3-Nitroaniline	9.53	138	51835	19.01	ng		98
53) 2,4-Dinitrophenol	9.65	184	85424	71.92	ng	#	67
54) Dibenzofuran	9.77	168	385152	30.77	ng		92
55) 4-Nitrophenol	9.72	139	138798	72.47	ng	#	72
56) 2,4-Dinitrotoluene	9.77	165	98527	34.11	ng	#	76
57) Fluorene	10.12	166	318986	33.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	77338m	35.59	ng		
59) Diethylphthalate	10.01	149	367204	34.18	ng		97
60) 4-Chlorophenyl-phenylether	10.12	204	142417	34.96	ng		97
61) 4-Nitroaniline	10.15	138	87042	31.23	ng	#	77
62) Azobenzene	10.28	77	434229	35.08	ng		92
64) 4,6-Dinitro-2-methylphenol	10.17	198	47878	30.33	ng		98
65) n-Nitrosodiphenylamine	10.24	169	285009	30.21	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	77197	29.73	ng	#	67
67) Hexachlorobenzene	10.65	284	81845	31.12	ng	#	69
68) Atrazine	10.77	200	75032	28.54	ng		98
69) Pentachlorophenol	10.86	266	103146	65.37	ng		98
70) Phenanthrene	11.06	178	457129	29.18	ng		99
71) Anthracene	11.12	178	479071	31.43	ng		98
72) Carbazole	11.27	167	461607	31.45	ng		98
73) Di-n-butylphthalate	11.62	149	596736	33.60	ng		99
74) Fluoranthene	12.24	202	544345	32.20	ng		95
76) Benzidine	12.37	184	154502	17.79	ng		98
77) Pyrene	12.47	202	521854	27.92	ng		98
79) Butylbenzylphthalate	13.10	149	248568	30.94	ng	#	62
80) Benzo(a)anthracene	13.65	228	452788	29.36	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	115905	23.21	ng	#	94
82) Chrysene	13.68	228	362446	26.08	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	355747	34.57	ng		100
84) Di-n-octyl phthalate	14.28	149	586328	37.49	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	286801	29.40	ng	#	94
87) Benzo(b)fluoranthene	14.64	252	449331m	40.82	ng		
88) Benzo(k)fluoranthene	14.67	252	293788m	28.64	ng		
89) Benzo(a)pyrene	14.94	252	343156	35.77	ng		98
90) Dibenzo(a,h)anthracene	16.17	278	242965	32.51	ng	#	93
91) Benzo(g,h,i)perylene	16.52	276	237244	31.29	ng	#	93

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

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