Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081170.D
Acq On : 24 Aug 2015 15:31
Operator : UM/IZ
Sample : PB85016BS
Misc : FOR IDOC PURPOSE
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85016BS

Manual Integrations APPROVED
MMDadoda
8/24/2015 7:11:07 PM

Quant Time: Aug 24 16:02:27 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	67531	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	292159	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	130712	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	267691	20.00	ng		0.00
75) Chrysene-d12	13.66	240	239224	20.00	ng		0.00
86) Perylene-d12	14.99	264	169992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	523468	116.59	ng		0.02
7) Phenol-d6	6.20	99	652418	111.37	ng		0.00
23) Nitrobenzene-d5	7.11	82	450763	70.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	111532	98.43	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	653728	65.53	ng		0.00
78) Terphenyl-d14	12.63	244	705392	63.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	63759	30.14	ng		91
3) Pyridine	2.62	79	181955	30.47	ng	#	79
4) n-Nitrosodimethylamine	2.57	42	115423	34.72	ng	#	79
6) Aniline	6.21	93	189052	22.20	ng	#	1
8) 2-Chlorophenol	6.32	128	174285	35.46	ng		91
9) Benzaldehyde	6.08	77	48621	12.87	ng		92
10) Phenol	6.21	94	212416	30.70	ng		99
11) bis(2-Chloroethyl)ether	6.29	93	181131	34.12	ng		89
12) 1,3-Dichlorobenzene	6.48	146	187652	35.54	ng		97
13) 1,4-Dichlorobenzene	6.56	146	187237	35.81	ng		98
14) 1,2-Dichlorobenzene	6.71	146	162395	33.18	ng		99
15) Benzyl Alcohol	6.70	79	165230	34.86	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	359212	34.43	ng		99
17) 2-Methylphenol	6.82	107	163634	38.81	ng		94
18) Hexachloroethane	7.05	117	71746	33.96	ng		97
19) n-Nitroso-di-n-propylamine	6.97	70	135726	33.45	ng		92
20) 3+4-Methylphenols	6.97	107	197526	36.91	ng	#	67
22) Acetophenone	6.96	105	259154	33.79	ng	#	88
24) Nitrobenzene	7.13	77	208151	31.13	ng		98
25) Isophorone	7.38	82	373592	31.32	ng	#	94
26) 2-Nitrophenol	7.45	139	99307	35.71	ng	#	71
27) 2,4-Dimethylphenol	7.51	122	158404	32.20	ng		90
28) bis(2-Chloroethoxy)methane	7.60	93	244052	34.64	ng		99
29) 2,4-Dichlorophenol	7.69	162	134593	32.49	ng		89
30) 1,2,4-Trichlorobenzene	7.77	180	143626	31.20	ng		97
31) Naphthalene	7.85	128	549677	33.75	ng		99
32) Benzoic acid	7.65	122	116180	41.98	ng		93
33) 4-Chloroaniline	7.91	127	118424	17.23	ng	#	86
34) Hexachlorobutadiene	7.98	225	86962	33.40	ng		97
35) Caprolactam	8.29	113	56525m	39.05	ng		
36) 4-Chloro-3-methylphenol	8.40	107	163062	33.03	ng		99
37) 2-Methylnaphthalene	8.54	142	320243	31.13	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	144732	34.32	ng		98
40) Hexachlorocyclopentadiene	8.70	237	143463	65.72	ng		97

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Quant Time: Aug 24 16:02:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	104563	35.10	ng		96
43) 2,4,5-Trichlorophenol	8.87	196	99451	33.40	ng	#	92
45) 1,1'-Biphenyl	9.01	154	431267	37.46	ng		99
46) 2-Chloronaphthalene	9.02	162	297506	32.16	ng	#	92
47) 2-Nitroaniline	9.12	65	119266	31.51	ng		99
48) Acenaphthylene	9.43	152	474182	28.66	ng		99
49) Dimethylphthalate	9.32	163	332918	30.93	ng		99
50) 2,6-Dinitrotoluene	9.37	165	75857	32.82	ng	#	77
51) Acenaphthene	9.60	154	281946	28.46	ng		99
52) 3-Nitroaniline	9.53	138	55824	19.30	ng		98
53) 2,4-Dinitrophenol	9.65	184	92443	73.11	ng	#	75
54) Dibenzofuran	9.77	168	424116	31.95	ng	#	90
55) 4-Nitrophenol	9.72	139	136055	66.98	ng	#	80
56) 2,4-Dinitrotoluene	9.77	165	97932	31.97	ng	#	68
57) Fluorene	10.12	166	316391	30.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	81371m	35.31	ng		
59) Diethylphthalate	10.01	149	368874	32.37	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	151833	35.14	ng		97
61) 4-Nitroaniline	10.15	138	98894	33.45	ng		91
62) Azobenzene	10.28	77	466420	35.52	ng		96
64) 4,6-Dinitro-2-methylphenol	10.18	198	54933	34.36	ng	#	36
65) n-Nitrosodiphenylamine	10.24	169	326306	34.15	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	82347	31.31	ng	#	62
67) Hexachlorobenzene	10.66	284	87512	32.86	ng	#	83
68) Atrazine	10.77	200	88010	33.06	ng		98
69) Pentachlorophenol	10.86	266	112534	70.42	ng		100
70) Phenanthrene	11.06	178	460430	29.02	ng		99
71) Anthracene	11.12	178	556469	36.05	ng		99
72) Carbazole	11.28	167	561934	37.81	ng		99
73) Di-n-butylphthalate	11.62	149	602959	33.52	ng		98
74) Fluoranthene	12.24	202	559411	32.68	ng		94
76) Benzidine	12.37	184	193414	21.40	ng		98
77) Pyrene	12.47	202	609567	31.34	ng		99
79) Butylbenzylphthalate	13.11	149	279835	33.48	ng		99
80) Benzo(a)anthracene	13.65	228	534354	33.31	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	132408	25.48	ng	#	95
82) Chrysene	13.68	228	405860	28.07	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	383936	35.86	ng		99
84) Di-n-octyl phthalate	14.28	149	638536	39.24	ng		98
85) Indeno(1,2,3-cd)pyrene	16.16	276	344449	33.93	ng	#	95
87) Benzo(b)fluoranthene	14.64	252	484228m	40.27	ng		
88) Benzo(k)fluoranthene	14.67	252	336781m	30.06	ng		
89) Benzo(a)pyrene	14.94	252	385296	36.77	ng		97
90) Dibenzo(a,h)anthracene	16.19	278	287547	35.22	ng		99
91) Benzo(g,h,i)perylene	16.52	276	287225	34.68	ng	#	91

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

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