Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082596.D
Acq On : 31 Oct 2015 2:59
Operator : UM/IZ
Sample : PB86326BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86326BS

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:12 PM

Quant Time: Oct 31 04:10:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	192332	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	734536	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	394377	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	718985	20.00	ng		0.00
75) Chrysene-d12	14.08	240	577613	20.00	ng		0.00
86) Perylene-d12	15.52	264	425778	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1075204	84.20	ng		0.01
7) Phenol-d6	6.53	99	1335561	78.73	ng		0.00
23) Nitrobenzene-d5	7.47	82	1464582	81.42	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	336294	77.92	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2216740	79.81	ng		0.00
78) Terphenyl-d14	13.03	244	1917324	72.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	186636	31.62	ng	#	89
3) Pyridine	3.34	79	510151	29.47	ng		94
4) n-Nitrosodimethylamine	3.29	42	328571	33.72	ng		99
6) Aniline	6.56	93	558793	23.66	ng		91
8) 2-Chlorophenol	6.69	128	508620	36.81	ng		100
9) Benzaldehyde	6.44	77	227174	19.62	ng		96
10) Phenol	6.54	94	730614	38.01	ng		100
11) bis(2-Chloroethyl)ether	6.64	93	491244	34.64	ng		97
12) 1,3-Dichlorobenzene	6.84	146	527420	33.47	ng		99
13) 1,4-Dichlorobenzene	6.92	146	595890	38.14	ng		98
14) 1,2-Dichlorobenzene	7.08	146	533508	36.78	ng		98
15) Benzyl Alcohol	7.05	79	632120	39.96	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	861669	38.23	ng		99
17) 2-Methylphenol	7.16	107	476443	40.56	ng		98
18) Hexachloroethane	7.42	117	226053	37.07	ng		94
19) n-Nitroso-di-n-propylamine	7.32	70	427312	33.23	ng		99
20) 3+4-Methylphenols	7.31	107	535114	35.05	ng		95
22) Acetophenone	7.31	105	801891	37.08	ng	#	78
24) Nitrobenzene	7.48	77	608712	33.48	ng	#	85
25) Isophorone	7.73	82	1216409	36.76	ng		98
26) 2-Nitrophenol	7.80	139	237543	35.76	ng		98
27) 2,4-Dimethylphenol	7.85	122	512643	39.54	ng		100
28) bis(2-Chloroethoxy)methane	7.94	93	642079	35.47	ng		97
29) 2,4-Dichlorophenol	8.05	162	467640	39.57	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	457533	34.89	ng		99
31) Naphthalene	8.21	128	1394709	35.09	ng		100
32) Benzoic acid	7.96	122	325122	34.57	ng		98
33) 4-Chloroaniline	8.26	127	229982m	13.55	ng		
34) Hexachlorobutadiene	8.34	225	305991	36.69	ng		99
35) Caprolactam	8.62	113	140101	38.64	ng		97
36) 4-Chloro-3-methylphenol	8.74	107	528812	38.00	ng		99
37) 2-Methylnaphthalene	8.91	142	1048716	40.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	485762	36.91	ng		97
40) Hexachlorocyclopentadiene	9.07	237	682384	82.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	356468	37.51	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	322933	34.11	ng		94
45) 1,1'-Biphenyl	9.38	154	1203996	36.14	ng		98
46) 2-Chloronaphthalene	9.40	162	979098	37.64	ng		96
47) 2-Nitroaniline	9.48	65	338800	33.51	ng		99
48) Acenaphthylene	9.81	152	1566688	37.66	ng		100
49) Dimethylphthalate	9.68	163	1194617	37.09	ng		100
50) 2,6-Dinitrotoluene	9.73	165	282001	42.24	ng		87
51) Acenaphthene	9.98	154	1065938	40.36	ng		99
52) 3-Nitroaniline	9.89	138	139925	18.84	ng		85
53) 2,4-Dinitrophenol	10.00	184	222770	64.09	ng	#	56
54) Dibenzofuran	10.16	168	1255862	35.04	ng		98
55) 4-Nitrophenol	10.05	139	362783	64.92	ng	#	65
56) 2,4-Dinitrotoluene	10.13	165	343089	38.00	ng	#	94
57) Fluorene	10.50	166	1050994	36.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	288580	36.06	ng		99
59) Diethylphthalate	10.38	149	1263284	38.53	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	523811	37.28	ng		96
61) 4-Nitroaniline	10.51	138	228757	32.28	ng		99
62) Azobenzene	10.65	77	1404873	37.99	ng		83
64) 4,6-Dinitro-2-methylphenol	10.54	198	175438	40.46	ng		79
65) n-Nitrosodiphenylamine	10.61	169	1006836	40.74	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	295312	36.24	ng	#	62
67) Hexachlorobenzene	11.05	284	330546	36.59	ng	#	90
68) Atrazine	11.14	200	305990	37.84	ng		99
69) Pentachlorophenol	11.24	266	470651	79.00	ng		99
70) Phenanthrene	11.46	178	1482856	36.57	ng		99
71) Anthracene	11.52	178	1648616	40.38	ng		98
72) Carbazole	11.67	167	1472846	41.41	ng		100
73) Di-n-butylphthalate	12.01	149	1894666	41.85	ng		99
74) Fluoranthene	12.65	202	1579051	38.09	ng		98
76) Benzidine	12.76	184	497561	19.10	ng		100
77) Pyrene	12.88	202	1625058	37.99	ng		99
79) Butylbenzylphthalate	13.51	149	781566	41.72	ng		91
80) Benzo(a)anthracene	14.07	228	1341924	36.57	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	212467	16.80	ng	#	95
82) Chrysene	14.10	228	1004542	30.21	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	943704	38.86	ng	#	97
84) Di-n-octyl phthalate	14.68	149	1440116	38.02	ng		100
85) Indeno(1,2,3-cd)pyrene	16.96	276	1041670	37.96	ng		99
87) Benzo(b)fluoranthene	15.11	252	978362	33.32	ng		100
88) Benzo(k)fluoranthene	15.14	252	987277m	44.14	ng		
89) Benzo(a)pyrene	15.46	252	928975	40.18	ng		99
90) Dibenzo(a,h)anthracene	16.98	278	878375	40.71	ng	#	97
91) Benzo(g,h,i)perylene	17.39	276	859686	41.12	ng	#	95

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

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