Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081171.D
Acq On : 24 Aug 2015 16:02
Operator : UM/IZ
Sample : PB85031BS
Misc : FOR IDOC PURPOSE
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85031BS

Manual Integrations APPROVED
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8/24/2015 7:11:18 PM

Quant Time: Aug 24 16:34:27 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	64351	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	265226	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	120080	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	247750	20.00	ng		0.00
75) Chrysene-d12	13.66	240	216117	20.00	ng		0.00
86) Perylene-d12	14.99	264	146129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	487663	113.98	ng		0.02
7) Phenol-d6	6.20	99	636098	113.95	ng		0.00
23) Nitrobenzene-d5	7.11	82	429442	73.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	109125	104.84	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	662397	72.28	ng		0.00
78) Terphenyl-d14	12.63	244	669104	66.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	64214	31.85	ng	#	93
3) Pyridine	2.63	79	168271	29.57	ng	#	78
4) n-Nitrosodimethylamine	2.58	42	111397	35.16	ng	#	74
6) Aniline	6.21	93	213313	26.28	ng	#	18
8) 2-Chlorophenol	6.33	128	180705	38.59	ng	#	78
9) Benzaldehyde	6.08	77	96935	26.94	ng		96
10) Phenol	6.21	94	215644	32.71	ng		91
11) bis(2-Chloroethyl)ether	6.29	93	182699	36.12	ng		89
12) 1,3-Dichlorobenzene	6.48	146	193833	38.52	ng		96
13) 1,4-Dichlorobenzene	6.56	146	195028	39.14	ng		98
14) 1,2-Dichlorobenzene	6.71	146	161484	34.63	ng		98
15) Benzyl Alcohol	6.70	79	167209	37.02	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	378688	38.10	ng		98
17) 2-Methylphenol	6.82	107	169987	42.31	ng		95
18) Hexachloroethane	7.05	117	75526	37.52	ng		94
19) n-Nitroso-di-n-propylamine	6.97	70	140934	36.45	ng		93
20) 3+4-Methylphenols	6.97	107	203180	39.84	ng	#	67
22) Acetophenone	6.96	105	271981	39.06	ng	#	87
24) Nitrobenzene	7.13	77	226560	37.32	ng		99
25) Isophorone	7.38	82	392828	36.28	ng	#	93
26) 2-Nitrophenol	7.45	139	102038	40.42	ng	#	73
27) 2,4-Dimethylphenol	7.51	122	169932	38.05	ng		87
28) bis(2-Chloroethoxy)methane	7.60	93	258885	40.47	ng		98
29) 2,4-Dichlorophenol	7.69	162	146045	38.84	ng		89
30) 1,2,4-Trichlorobenzene	7.77	180	152415	36.47	ng		97
31) Naphthalene	7.85	128	564091	38.15	ng		99
32) Benzoic acid	7.65	122	118880	47.32	ng		91
33) 4-Chloroaniline	7.91	127	145133	23.27	ng	#	88
34) Hexachlorobutadiene	7.98	225	89860	38.02	ng		98
35) Caprolactam	8.29	113	60311m	45.89	ng		
36) 4-Chloro-3-methylphenol	8.40	107	167257	37.32	ng		98
37) 2-Methylnaphthalene	8.54	142	339597	36.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	153417	39.60	ng		98
40) Hexachlorocyclopentadiene	8.70	237	155169	77.38	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	113110	41.33	ng		99
43) 2,4,5-Trichlorophenol	8.87	196	103405	37.80	ng	#	93
45) 1,1'-Biphenyl	9.01	154	451020	42.64	ng		96
46) 2-Chloronaphthalene	9.03	162	312361	36.76	ng		98
47) 2-Nitroaniline	9.12	65	127692	36.72	ng		98
48) Acenaphthylene	9.43	152	502058	33.03	ng		99
49) Dimethylphthalate	9.32	163	356761	36.08	ng		100
50) 2,6-Dinitrotoluene	9.37	165	80163	37.76	ng	#	76
51) Acenaphthene	9.60	154	299597	32.92	ng		100
52) 3-Nitroaniline	9.53	138	61296	23.07	ng		98
53) 2,4-Dinitrophenol	9.65	184	93432	79.01	ng	#	79
54) Dibenzofuran	9.77	168	447789	36.72	ng		91
55) 4-Nitrophenol	9.72	139	134743	72.20	ng	#	80
56) 2,4-Dinitrotoluene	9.77	165	99364	35.31	ng	#	61
57) Fluorene	10.12	166	340702	36.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	84172m	39.76	ng		
59) Diethylphthalate	10.01	149	391766	37.43	ng		97
60) 4-Chlorophenyl-phenylether	10.12	204	156769	39.49	ng		98
61) 4-Nitroaniline	10.15	138	99845	36.77	ng		93
62) Azobenzene	10.28	77	507844	42.10	ng		96
64) 4,6-Dinitro-2-methylphenol	10.18	198	60585	40.95	ng	#	41
65) n-Nitrosodiphenylamine	10.24	169	343876	38.88	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	89791	36.89	ng	#	60
67) Hexachlorobenzene	10.66	284	96436	39.12	ng	#	86
68) Atrazine	10.77	200	102710	41.68	ng		96
69) Pentachlorophenol	10.86	266	118242	79.95	ng		99
70) Phenanthrene	11.06	178	486420	33.13	ng		99
71) Anthracene	11.12	178	570844	39.95	ng		99
72) Carbazole	11.28	167	569475	41.40	ng		98
73) Di-n-butylphthalate	11.62	149	668131	40.14	ng		99
74) Fluoranthene	12.24	202	578447	36.51	ng		94
76) Benzidine	12.38	184	261195	31.99	ng		97
77) Pyrene	12.47	202	631615	35.95	ng		99
79) Butylbenzylphthalate	13.11	149	302737	40.09	ng		98
80) Benzo(a)anthracene	13.65	228	536545	37.02	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	133761	28.49	ng	#	96
82) Chrysene	13.68	228	406744	31.14	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	403591	41.72	ng		99
84) Di-n-octyl phthalate	14.28	149	679226	46.20	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	326474	35.60	ng	#	93
87) Benzo(b)fluoranthene	14.64	252	477803m	46.23	ng		
88) Benzo(k)fluoranthene	14.67	252	328563m	34.11	ng		
89) Benzo(a)pyrene	14.94	252	383566	42.59	ng		99
90) Dibenzo(a,h)anthracene	16.17	278	275380	39.24	ng	#	92
91) Benzo(g,h,i)perylene	16.52	276	277894	39.03	ng	#	92

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

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