Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083357.D
Acq On : 1 Dec 2015 2:43
Operator : UM/IZ
Sample : PB86889BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86889BSD

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:35:06 PM

Quant Time: Dec 01 04:06:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	170206	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	659016	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	343935	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	682713	20.00	ng		0.00
75) Chrysene-d12	14.76	240	633293	20.00	ng		0.00
86) Perylene-d12	16.82	264	459869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1211275	106.79	ng		0.01
7) Phenol-d6	6.22	99	1665564	107.28	ng		0.00
23) Nitrobenzene-d5	7.13	82	1111432	74.14	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	399887	115.82	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1717968	71.18	ng		0.00
78) Terphenyl-d14	13.22	244	1900315	71.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	185133	30.14	ng	#	85
3) Pyridine	2.64	79	481478	31.34	ng		96
4) n-Nitrosodimethylamine	2.59	42	304882	40.32	ng		100
6) Aniline	6.21	93	436895	20.57	ng		92
8) 2-Chlorophenol	6.34	128	509332	40.71	ng		96
9) Benzaldehyde	6.09	77	267666	34.78	ng		97
10) Phenol	6.24	94	786374	42.10	ng		96
11) bis(2-Chloroethyl)ether	6.29	93	542365	39.91	ng		99
12) 1,3-Dichlorobenzene	6.49	146	547359	39.36	ng		99
13) 1,4-Dichlorobenzene	6.57	146	564686	39.28	ng		97
14) 1,2-Dichlorobenzene	6.72	146	486850m	36.92	ng		
15) Benzyl Alcohol	6.72	79	502902	41.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	982634	41.21	ng	#	43
17) 2-Methylphenol	6.84	107	427086	40.95	ng		97
18) Hexachloroethane	7.06	117	193975	38.85	ng		99
19) n-Nitroso-di-n-propylamine	6.98	70	429173	38.67	ng		89
20) 3+4-Methylphenols	7.00	107	595654	42.17	ng		98
22) Acetophenone	6.98	105	748093	37.94	ng	#	98
24) Nitrobenzene	7.14	77	584172	36.49	ng	#	86
25) Isophorone	7.39	82	1140874	39.29	ng		99
26) 2-Nitrophenol	7.46	139	254221	38.90	ng		95
27) 2,4-Dimethylphenol	7.53	122	474695	43.33	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	662405	40.06	ng		99
29) 2,4-Dichlorophenol	7.71	162	430202	40.83	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	436214	38.04	ng	#	96
31) Naphthalene	7.86	128	1392880	38.95	ng		99
32) Benzoic acid	7.69	122	312246	41.32	ng	#	89
33) 4-Chloroaniline	7.93	127	175610	11.39	ng		98
34) Hexachlorobutadiene	7.98	225	257419	39.53	ng		99
35) Caprolactam	8.30	113	142420m	42.78	ng		
36) 4-Chloro-3-methylphenol	8.43	107	495100	41.89	ng		88
37) 2-Methylnaphthalene	8.56	142	953678	39.91	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	403691	37.03	ng		98
40) Hexachlorocyclopentadiene	8.70	237	434694	83.93	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	305298	39.92	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	335307	42.32	ng		97
45) 1,1'-Biphenyl	9.01	154	1103562	36.59	ng		95
46) 2-Chloronaphthalene	9.04	162	883952	38.46	ng		100
47) 2-Nitroaniline	9.15	65	381653	41.93	ng		97
48) Acenaphthylene	9.45	152	1398664	38.15	ng		99
49) Dimethylphthalate	9.33	163	1061524	37.98	ng		100
50) 2,6-Dinitrotoluene	9.39	165	236927	39.69	ng		94
51) Acenaphthene	9.62	154	835042	38.72	ng		100
52) 3-Nitroaniline	9.56	138	107752	15.40	ng		91
53) 2,4-Dinitrophenol	9.66	184	284761	76.50	ng		91
54) Dibenzofuran	9.79	168	1273433	40.30	ng		100
55) 4-Nitrophenol	9.76	139	356610	81.49	ng	#	86
56) 2,4-Dinitrotoluene	9.79	165	319756	42.22	ng		90
57) Fluorene	10.13	166	971163	38.92	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	280482	43.88	ng		99
59) Diethylphthalate	10.03	149	1052223	39.50	ng		98
60) 4-Chlorophenyl-phenylether	10.13	204	473961	41.34	ng		98
61) 4-Nitroaniline	10.18	138	254438	36.35	ng		96
62) Azobenzene	10.29	77	1396098	43.38	ng		99
64) 4,6-Dinitro-2-methylphenol	10.20	198	191651	41.81	ng		87
65) n-Nitrosodiphenylamine	10.26	169	946700	39.46	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	310792	41.62	ng		98
67) Hexachlorobenzene	10.70	284	340417	41.22	ng		99
68) Atrazine	10.83	200	332370	50.09	ng		97
69) Pentachlorophenol	10.92	266	365712	84.55	ng		98
70) Phenanthrene	11.16	178	1614182	39.95	ng		99
71) Anthracene	11.22	178	1595114	39.22	ng		100
72) Carbazole	11.41	167	1430043	39.13	ng		99
73) Di-n-butylphthalate	11.86	149	1786002	41.24	ng		100
74) Fluoranthene	12.66	202	1690738	40.37	ng		99
76) Benzidine	12.87	184	484490	25.69	ng		98
77) Pyrene	12.98	202	1766386	39.94	ng		98
79) Butylbenzylphthalate	13.96	149	787102	41.95	ng		95
80) Benzo(a)anthracene	14.74	228	1547889	39.90	ng		100
81) 3,3'-Dichlorobenzidine	14.73	252	262970	21.70	ng		100
82) Chrysene	14.80	228	1379987	36.81	ng		100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1069627	42.50	ng		99
84) Di-n-octyl phthalate	15.85	149	1654140	44.14	ng		100
85) Indeno(1,2,3-cd)pyrene	18.20	276	1099146	40.26	ng		100
87) Benzo(b)fluoranthene	16.31	252	1229005	41.65	ng		99
88) Benzo(k)fluoranthene	16.35	252	1095765	39.33	ng		99
89) Benzo(a)pyrene	16.75	252	1071231	42.27	ng		99
90) Dibenzo(a,h)anthracene	18.23	278	920252	41.67	ng		99
91) Benzo(g,h,i)perylene	18.58	276	934276	43.10	ng		99

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

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