Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083400.D
Acq On : 2 Dec 2015 5:06
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Mmdadoda
12/2/2015 6:13:02 PM

Quant Time: Dec 02 06:13:11 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	178934	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	702093	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	364485	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	695140	20.00	ng	0.00
75) Chrysene-d12	14.76	240	573131	20.00	ng	0.00
86) Perylene-d12	16.82	264	462368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	919366	77.10	ng	0.00
7) Phenol-d6	6.22	99	1252829	76.76	ng	0.00
23) Nitrobenzene-d5	7.13	82	1171692	73.36	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	276706	75.63	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1802465	70.47	ng	0.00
78) Terphenyl-d14	13.22	244	1934026	80.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.95	88	224362	34.75	ng	96
3) Pyridine	2.56	79	648385	40.14	ng	99
4) n-Nitrosodimethylamine	2.52	42	316183	39.77	ng	95
6) Aniline	6.21	93	844452	37.82	ng	99
8) 2-Chlorophenol	6.34	128	511263	38.87	ng	99
9) Benzaldehyde	6.09	77	314177	40.01	ng	98
10) Phenol	6.24	94	761573	38.78	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	542960	38.01	ng	98
12) 1,3-Dichlorobenzene	6.49	146	574146	39.27	ng	99
13) 1,4-Dichlorobenzene	6.57	146	595108	39.38	ng	98
14) 1,2-Dichlorobenzene	6.73	146	502955	36.28	ng	99
15) Benzyl Alcohol	6.72	79	505513	40.07	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.85	45	951702	37.97	ng	93
17) 2-Methylphenol	6.84	107	431263	39.33	ng	99
18) Hexachloroethane	7.06	117	197657	37.66	ng	99
19) n-Nitroso-di-n-propylamine	6.99	70	490796	42.07	ng	98
20) 3+4-Methylphenols	7.00	107	569511	38.35	ng	98
22) Acetophenone	6.98	105	807737	38.45	ng	99
24) Nitrobenzene	7.15	77	628210	36.83	ng	99
25) Isophorone	7.39	82	1202121	38.86	ng	99
26) 2-Nitrophenol	7.46	139	260926	37.48	ng	99
27) 2,4-Dimethylphenol	7.53	122	477408	40.91	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	643507	36.52	ng	99
29) 2,4-Dichlorophenol	7.72	162	417779	37.22	ng	86
30) 1,2,4-Trichlorobenzene	7.79	180	462189	37.83	ng	98
31) Naphthalene	7.86	128	1405100	36.88	ng	100
32) Benzoic acid	7.68	122	281033	34.91	ng	98
33) 4-Chloroaniline	7.93	127	659384	40.15	ng	99
34) Hexachlorobutadiene	7.98	225	254563	36.70	ng	99
35) Caprolactam	8.32	113	141489	39.89	ng	88
36) 4-Chloro-3-methylphenol	8.43	107	500097	39.72	ng	94
37) 2-Methylnaphthalene	8.56	142	975300	38.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	424438	36.74	ng	99
40) Hexachlorocyclopentadiene	8.70	237	161301	29.39	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	321611	39.68	ng		97
43) 2,4,5-Trichlorophenol	8.89	196	323216	38.49	ng		93
45) 1,1'-Biphenyl	9.02	154	1214996	38.01	ng		100
46) 2-Chloronaphthalene	9.04	162	876450	35.98	ng		99
47) 2-Nitroaniline	9.15	65	400618	41.53	ng		93
48) Acenaphthylene	9.45	152	1410704	36.31	ng		100
49) Dimethylphthalate	9.33	163	1066766	36.01	ng		99
50) 2,6-Dinitrotoluene	9.39	165	226903	35.87	ng		86
51) Acenaphthene	9.62	154	808710	35.39	ng		99
52) 3-Nitroaniline	9.56	138	272950	36.81	ng		95
53) 2,4-Dinitrophenol	9.66	184	88752	27.44	ng	#	80
54) Dibenzofuran	9.79	168	1196201	35.72	ng		99
55) 4-Nitrophenol	9.76	139	126899m	27.36	ng		
56) 2,4-Dinitrotoluene	9.79	165	293763	36.60	ng		93
57) Fluorene	10.13	166	940631	35.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	247527	36.54	ng		98
59) Diethylphthalate	10.03	149	1054464	37.35	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	455482	37.49	ng		96
61) 4-Nitroaniline	10.18	138	287311	38.73	ng		97
62) Azobenzene	10.29	77	1362473	39.95	ng		99
64) 4,6-Dinitro-2-methylphenol	10.20	198	147853	31.68	ng		88
65) n-Nitrosodiphenylamine	10.26	169	952269	38.98	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	302077	39.73	ng		97
67) Hexachlorobenzene	10.70	284	328045	39.02	ng		98
68) Atrazine	10.82	200	258396	38.25	ng		98
69) Pentachlorophenol	10.92	266	149127	33.86	ng		96
70) Phenanthrene	11.16	178	1554014	37.78	ng		99
71) Anthracene	11.22	178	1578122	38.11	ng		100
72) Carbazole	11.41	167	1372113	36.87	ng		99
73) Di-n-butylphthalate	11.86	149	1785550	40.49	ng		100
74) Fluoranthene	12.66	202	1576839	36.98	ng		99
76) Benzidine	12.87	184	621588	36.41	ng		100
77) Pyrene	12.98	202	1591475	39.76	ng		99
79) Butylbenzylphthalate	13.96	149	742405	43.72	ng		97
80) Benzo(a)anthracene	14.74	228	1333560	37.98	ng		100
81) 3,3'-Dichlorobenzidine	14.73	252	418576	38.16	ng		98
82) Chrysene	14.80	228	1219207	35.94	ng		100
83) Bis(2-ethylhexyl)phthalate	14.88	149	1067999	46.89	ng		100
84) Di-n-octyl phthalate	15.85	149	1677812	49.47	ng		99
85) Indeno(1,2,3-cd)pyrene	18.20	276	1093993	44.28	ng		100
87) Benzo(b)fluoranthene	16.31	252	1094705	36.90	ng		98
88) Benzo(k)fluoranthene	16.35	252	1018204	36.35	ng		98
89) Benzo(a)pyrene	16.75	252	965704	37.90	ng		98
90) Dibenzo(a,h)anthracene	18.23	278	925022	41.66	ng		99
91) Benzo(g,h,i)perylene	18.58	276	858383	39.39	ng		96

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

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