Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083535.D
Acq On : 7 Dec 2015 00:47
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:33:21 PM

Quant Time: Dec 07 06:24:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	151462	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	603978	20.00	ng		-0.03
38) Acenaphthene-d10	10.43	164	288288	20.00	ng		-0.03
63) Phenanthrene-d10	12.82	188	531701	20.00	ng		-0.03
75) Chrysene-d12	17.03	240	455223	20.00	ng		-0.02
86) Perylene-d12	18.65	264	350954	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	886434	88.79	ng		-0.03
7) Phenol-d6	5.30	99	1158730	84.24	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1067411	82.61	ng		-0.03
41) 2,4,6-Tribromophenol	11.72	330	233164	87.68	ng		-0.03
44) 2-Fluorobiphenyl	9.39	172	1749017	82.29	ng		-0.03
78) Terphenyl-d14	15.46	244	1602347	78.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	217347	41.51	ng		98
3) Pyridine	2.28	79	604983	48.41	ng		96
4) n-Nitrosodimethylamine	2.25	42	280196	44.51	ng		97
6) Aniline	5.29	93	767564	42.87	ng		95
8) 2-Chlorophenol	5.45	128	468433	42.19	ng		97
9) Benzaldehyde	5.13	77	324914	41.20	ng		100
10) Phenol	5.31	94	675991	42.03	ng		82
11) bis(2-Chloroethyl)ether	5.39	93	478488	40.14	ng		99
12) 1,3-Dichlorobenzene	5.65	146	518297	42.09	ng		99
13) 1,4-Dichlorobenzene	5.76	146	530856	42.22	ng		99
14) 1,2-Dichlorobenzene	5.97	146	495927	42.89	ng		99
15) Benzyl Alcohol	5.97	79	434562	45.54	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.16	45	920299	41.64	ng		78
17) 2-Methylphenol	6.17	107	387748	42.31	ng		99
18) Hexachloroethane	6.45	117	186272	42.45	ng	#	87
19) n-Nitroso-di-n-propylamine	6.37	70	398600	43.44	ng		95
20) 3+4-Methylphenols	6.41	107	512041	43.02	ng		96
22) Acetophenone	6.35	105	728007	41.84	ng	#	97
24) Nitrobenzene	6.59	77	574569	40.38	ng		99
25) Isophorone	6.97	82	1040016	41.91	ng		99
26) 2-Nitrophenol	7.07	139	237928	42.37	ng		96
27) 2,4-Dimethylphenol	7.20	122	414828	41.81	ng		98
28) bis(2-Chloroethoxy)methane	7.32	93	585893	42.37	ng		99
29) 2,4-Dichlorophenol	7.47	162	379125	42.32	ng		98
30) 1,2,4-Trichlorobenzene	7.56	180	415225	41.92	ng		100
31) Naphthalene	7.68	128	1333534	41.48	ng		99
32) Benzoic acid	7.48	122	224034	40.41	ng		99
33) 4-Chloroaniline	7.80	127	522964	41.58	ng		93
34) Hexachlorobutadiene	7.88	225	242782	41.48	ng		98
35) Caprolactam	8.41	113	116482	40.88	ng		96
36) 4-Chloro-3-methylphenol	8.64	107	422065	41.86	ng		96
37) 2-Methylnaphthalene	8.77	142	818625	41.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	403275	42.54	ng	#	100
40) Hexachlorocyclopentadiene	9.02	237	105949	35.19	ng		98

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Quant Time: Dec 07 06:24:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	258479	43.43	ng		96
43) 2,4,5-Trichlorophenol	9.33	196	258708	42.20	ng		94
45) 1,1'-Biphenyl	9.54	154	1089634	42.53	ng		99
46) 2-Chloronaphthalene	9.55	162	808045	41.86	ng		98
47) 2-Nitroaniline	9.76	65	298911	43.47	ng	#	81
48) Acenaphthylene	10.20	152	1320487	41.77	ng		100
49) Dimethylphthalate	10.09	163	970343	42.76	ng		98
50) 2,6-Dinitrotoluene	10.17	165	212712	44.52	ng	#	84
51) Acenaphthene	10.49	154	760727	41.82	ng		100
52) 3-Nitroaniline	10.43	138	225510	43.78	ng		88
53) 2,4-Dinitrophenol	10.62	184	82944	38.09	ng		94
54) Dibenzofuran	10.77	168	1064207	42.23	ng		99
55) 4-Nitrophenol	10.81	139	117006	40.33	ng	#	78
56) 2,4-Dinitrotoluene	10.82	165	278725	44.67	ng	#	83
57) Fluorene	11.32	166	916040	41.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.00	232	195020	42.53	ng	#	100
59) Diethylphthalate	11.23	149	932078	42.69	ng		97
60) 4-Chlorophenyl-phenylether	11.34	204	441530	42.02	ng		99
61) 4-Nitroaniline	11.42	138	208831	44.75	ng		89
62) Azobenzene	11.61	77	1063327	45.64	ng		99
64) 4,6-Dinitro-2-methylphenol	11.48	198	144037	40.72	ng	#	79
65) n-Nitrosodiphenylamine	11.56	169	741920	42.15	ng		98
66) 4-Bromophenyl-phenylether	12.13	248	248994	42.85	ng		97
67) Hexachlorobenzene	12.20	284	264035	42.51	ng		99
68) Atrazine	12.48	200	233300	43.83	ng		98
69) Pentachlorophenol	12.56	266	110916	41.55	ng		96
70) Phenanthrene	12.86	178	1284444	41.50	ng		99
71) Anthracene	12.95	178	1318786	41.78	ng		100
72) Carbazole	13.24	167	1155313	42.63	ng		99
73) Di-n-butylphthalate	13.88	149	1433757	43.92	ng		98
74) Fluoranthene	14.79	202	1300967	42.41	ng		98
76) Benzidine	15.06	184	640867	38.97	ng		99
77) Pyrene	15.14	202	1321926	38.82	ng		99
79) Butylbenzylphthalate	16.28	149	602767	45.01	ng		91
80) Benzo(a)anthracene	17.00	228	1123823	42.19	ng		98
81) 3,3'-Dichlorobenzidine	17.00	252	392572	46.08	ng		97
82) Chrysene	17.06	228	1085514	40.91	ng		99
83) Bis(2-ethylhexyl)phthalate	17.13	149	839314	47.76	ng	#	97
84) Di-n-octyl phthalate	17.89	149	1348371	53.81	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.88	276	827589	36.39	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	842970m	42.77	ng		
88) Benzo(k)fluoranthene	18.31	252	930571m	46.09	ng		
89) Benzo(a)pyrene	18.59	252	812637	42.39	ng		99
90) Dibenzo(a,h)anthracene	19.89	278	694159	37.63	ng		99
91) Benzo(g,h,i)perylene	20.24	276	681289	36.65	ng		96

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

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