Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084563.D
Acq On : 20 Jan 2016 11:55
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
1/21/2016 12:19:38 PM

Quant Time: Jan 20 22:22:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	258604	20.00	ng		-0.05
21) Naphthalene-d8	8.06	136	1023520	20.00	ng		-0.06
38) Acenaphthene-d10	9.82	164	482228	20.00	ng		-0.05
63) Phenanthrene-d10	11.31	188	920804	20.00	ng		-0.05
75) Chrysene-d12	13.95	240	695379	20.00	ng		-0.05
86) Perylene-d12	15.36	264	551019	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1289478	80.65	ng		-0.06
7) Phenol-d6	6.43	99	1527458	76.07	ng		-0.05
23) Nitrobenzene-d5	7.36	82	1469080	79.88	ng		-0.05
41) 2,4,6-Tribromophenol	10.61	330	382273	78.52	ng		-0.06
44) 2-Fluorobiphenyl	9.15	172	2077658	75.05	ng		-0.05
78) Terphenyl-d14	12.90	244	2135968	68.56	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	284277	37.53	ng	#	76
3) Pyridine	3.01	79	676037	32.01	ng	#	72
4) n-Nitrosodimethylamine	2.97	42	326021	30.08	ng	#	72
6) Aniline	6.44	93	1030378	35.08	ng	#	48
8) 2-Chlorophenol	6.57	128	732524	40.38	ng		93
9) Benzaldehyde	6.33	77	469097	35.88	ng		97
10) Phenol	6.44	94	871050	38.15	ng		75
11) bis(2-Chloroethyl)ether	6.52	93	642270	36.32	ng		83
12) 1,3-Dichlorobenzene	6.72	146	700344m	37.43	ng		
13) 1,4-Dichlorobenzene	6.80	146	714971	38.10	ng		96
14) 1,2-Dichlorobenzene	6.96	146	718093	39.96	ng		97
15) Benzyl Alcohol	6.93	79	590263	34.94	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1179573	36.63	ng		86
17) 2-Methylphenol	7.05	107	555069	36.51	ng		94
18) Hexachloroethane	7.30	117	291363	38.83	ng	#	84
19) n-Nitroso-di-n-propylamine	7.21	70	455546	33.51	ng	#	75
20) 3+4-Methylphenols	7.21	107	653611	36.58	ng	#	76
22) Acetophenone	7.20	105	966503	39.27	ng	#	95
24) Nitrobenzene	7.37	77	697175	37.38	ng		91
25) Isophorone	7.62	82	1409048	40.06	ng		97
26) 2-Nitrophenol	7.69	139	385584	45.42	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	625214	36.39	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	772307	35.95	ng		99
29) 2,4-Dichlorophenol	7.94	162	568582	39.72	ng		90
30) 1,2,4-Trichlorobenzene	8.01	180	586623	39.70	ng		96
31) Naphthalene	8.09	128	1867297	40.21	ng		99
32) Benzoic acid	7.87	122	388431	36.81	ng		98
33) 4-Chloroaniline	8.14	127	861293	40.46	ng		99
34) Hexachlorobutadiene	8.21	225	367721	43.29	ng		99
35) Caprolactam	8.53	113	176935	36.67	ng	#	51
36) 4-Chloro-3-methylphenol	8.64	107	605614	37.77	ng		94
37) 2-Methylnaphthalene	8.78	142	1386549	41.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	572794	41.32	ng		98
40) Hexachlorocyclopentadiene	8.94	237	277944	33.21	ng		99

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Quant Time: Jan 20 22:22:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	402626	38.82	ng		95
43) 2,4,5-Trichlorophenol	9.10	196	402616	40.49	ng	#	84
45) 1,1'-Biphenyl	9.25	154	1689860	44.09	ng		99
46) 2-Chloronaphthalene	9.28	162	1253626	41.64	ng		91
47) 2-Nitroaniline	9.37	65	416546	41.92	ng		96
48) Acenaphthylene	9.69	152	1711967	38.49	ng		96
49) Dimethylphthalate	9.56	163	1419351	41.17	ng	#	90
50) 2,6-Dinitrotoluene	9.62	165	310493	41.06	ng	#	63
51) Acenaphthene	9.86	154	1165782	39.08	ng		99
52) 3-Nitroaniline	9.79	138	409706	43.73	ng		90
53) 2,4-Dinitrophenol	9.89	184	172288	54.67	ng		92
54) Dibenzofuran	10.03	168	1469537	37.54	ng	#	89
55) 4-Nitrophenol	9.96	139	300497	44.18	ng		87
56) 2,4-Dinitrotoluene	10.02	165	366711	38.32	ng	#	84
57) Fluorene	10.37	166	1121664	37.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	348491	41.05	ng		90
59) Diethylphthalate	10.26	149	1365354	40.17	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	594712	47.64	ng	#	86
61) 4-Nitroaniline	10.41	138	392421	46.99	ng		89
62) Azobenzene	10.53	77	1500124	40.24	ng		94
64) 4,6-Dinitro-2-methylphenol	10.43	198	227034	40.36	ng		83
65) n-Nitrosodiphenylamine	10.49	169	1064718	36.17	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	370393	37.37	ng	#	68
67) Hexachlorobenzene	10.92	284	428386	38.40	ng		95
68) Atrazine	11.02	200	394212	40.92	ng		96
69) Pentachlorophenol	11.12	266	206189	35.65	ng		98
70) Phenanthrene	11.33	178	1736340	36.05	ng		96
71) Anthracene	11.39	178	2021869	42.82	ng		99
72) Carbazole	11.54	167	1708294	37.01	ng		99
73) Di-n-butylphthalate	11.88	149	2069536	41.29	ng	#	96
74) Fluoranthene	12.52	202	2007097	39.89	ng		96
76) Benzidine	12.65	184	870648	34.92	ng		99
77) Pyrene	12.75	202	2041400	37.41	ng		98
79) Butylbenzylphthalate	13.38	149	907001	38.41	ng	#	90
80) Benzo(a)anthracene	13.94	228	1486283	36.40	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	555761	39.00	ng	#	95
82) Chrysene	13.97	228	1383146	35.25	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	1066162	35.74	ng	#	97
84) Di-n-octyl phthalate	14.56	149	1795871	35.66	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.72	276	1289973	41.48	ng		99
87) Benzo(b)fluoranthene	14.96	252	1312567	36.42	ng		97
88) Benzo(k)fluoranthene	14.98	252	1233668m	41.85	ng		
89) Benzo(a)pyrene	15.30	252	1214114	39.71	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	1063738	40.43	ng		97
91) Benzo(g,h,i)perylene	17.13	276	1106129	40.60	ng		99

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

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