Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090640.D
Acq On : 19 Oct 2016 10:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/20/2016 10:36:37 AM

Quant Time: Oct 19 13:34:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	232932	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	996762	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	530376	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	839533	20.00	ng		-0.02
75) Chrysene-d12	14.06	240	738010	20.00	ng		-0.02
86) Perylene-d12	15.52	264	528659	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1246845	98.13	ng		-0.02
7) Phenol-d6	6.53	99	1570200	83.17	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1381439	76.99	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	348282	73.66	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	2573880	79.96	ng		-0.01
78) Terphenyl-d14	13.01	244	2402315	75.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	292971	40.46	ng		91
3) Pyridine	3.24	79	823729	50.75	ng		90
4) n-Nitrosodimethylamine	3.18	42	274421	47.35	ng		87
6) Aniline	6.55	93	945265	41.43	ng		94
8) 2-Chlorophenol	6.68	128	710705	43.14	ng	#	82
9) Benzaldehyde	6.44	77	447561	37.29	ng		92
10) Phenol	6.54	94	823083	38.12	ng		90
11) bis(2-Chloroethyl)ether	6.62	93	688768	38.66	ng		99
12) 1,3-Dichlorobenzene	6.83	146	681922	41.50	ng		97
13) 1,4-Dichlorobenzene	6.91	146	738749	41.34	ng		98
14) 1,2-Dichlorobenzene	7.06	146	631737	37.82	ng		94
15) Benzyl Alcohol	7.03	79	567594	44.14	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1051574	41.94	ng		91
17) 2-Methylphenol	7.15	107	540176	42.07	ng		98
18) Hexachloroethane	7.40	117	260235	36.85	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	450326	34.79	ng	#	93
20) 3+4-Methylphenols	7.31	107	637079	40.93	ng	#	84
22) Acetophenone	7.31	105	883735	40.13	ng	#	89
24) Nitrobenzene	7.48	77	814211	44.21	ng	#	89
25) Isophorone	7.72	82	1316187	40.30	ng		95
26) 2-Nitrophenol	7.80	139	348402	41.70	ng	#	78
27) 2,4-Dimethylphenol	7.83	122	571238	41.20	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	725993	37.65	ng		99
29) 2,4-Dichlorophenol	8.04	162	527900	43.47	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	576657	40.54	ng		98
31) Naphthalene	8.20	128	1798073	35.41	ng		98
32) Benzoic acid	7.95	122	212292	24.93	ng		96
33) 4-Chloroaniline	8.26	127	750968	38.70	ng	#	89
34) Hexachlorobutadiene	8.33	225	306438	38.56	ng		98
35) Caprolactam	8.63	113	171058	50.47	ng		88
36) 4-Chloro-3-methylphenol	8.74	107	592451	42.29	ng		90
37) 2-Methylnaphthalene	8.90	142	1243766	41.71	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	519657	36.95	ng		99
40) Hexachlorocyclopentadiene	9.05	237	235696	34.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	345507	43.56	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	381138	40.28	ng	#	90
45) 1,1'-Biphenyl	9.35	154	1478838	36.64	ng		97
46) 2-Chloronaphthalene	9.39	162	1175543	39.06	ng		92
47) 2-Nitroaniline	9.48	65	464421	42.57	ng		92
48) Acenaphthylene	9.80	152	1853919	38.69	ng		99
49) Dimethylphthalate	9.66	163	1341843	38.99	ng		99
50) 2,6-Dinitrotoluene	9.72	165	270379	35.91	ng	#	61
51) Acenaphthene	9.97	154	1183994	37.17	ng		99
52) 3-Nitroaniline	9.89	138	352445	37.30	ng		90
53) 2,4-Dinitrophenol	9.99	184	84431	24.86	ng	#	72
54) Dibenzofuran	10.14	168	1545296	36.88	ng		94
55) 4-Nitrophenol	10.06	139	209239	36.80	ng	#	85
56) 2,4-Dinitrotoluene	10.13	165	394092	38.53	ng	#	84
57) Fluorene	10.49	166	1315817	38.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	263688m	33.46	ng		
59) Diethylphthalate	10.36	149	1356724	38.87	ng		97
60) 4-Chlorophenyl-phenylether	10.47	204	570109	34.99	ng	#	85
61) 4-Nitroaniline	10.51	138	363322	38.35	ng		96
62) Azobenzene	10.63	77	1571536	38.93	ng		93
64) 4,6-Dinitro-2-methylphenol	10.53	198	147525	29.04	ng	#	35
65) n-Nitrosodiphenylamine	10.60	169	1106893	39.91	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	323013	35.86	ng	#	82
67) Hexachlorobenzene	11.03	284	378625	38.71	ng	#	86
68) Atrazine	11.13	200	301075	39.25	ng		98
69) Pentachlorophenol	11.23	266	183914	37.94	ng		97
70) Phenanthrene	11.45	178	1666986	37.20	ng		98
71) Anthracene	11.50	178	1913487	39.67	ng		99
72) Carbazole	11.65	167	1636359	37.90	ng		98
73) Di-n-butylphthalate	11.98	149	2039671	40.32	ng	#	97
74) Fluoranthene	12.63	202	1694331	37.59	ng		93
76) Benzidine	12.76	184	604636	32.93	ng		97
77) Pyrene	12.86	202	1738329	35.56	ng		98
79) Butylbenzylphthalate	13.48	149	892372	41.21	ng	#	81
80) Benzo(a)anthracene	14.05	228	1690855	40.25	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	579004	40.34	ng	#	97
82) Chrysene	14.10	228	1827799	45.15	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	1296457	44.37	ng	#	96
84) Di-n-octyl phthalate	14.66	149	2121858	54.17	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.96	276	1147455	49.02	ng		98
87) Benzo(b)fluoranthene	15.10	252	1522549	44.01	ng	#	94
88) Benzo(k)fluoranthene	15.13	252	1205947m	32.40	ng		
89) Benzo(a)pyrene	15.46	252	1223939	38.65	ng		99
90) Dibenzo(a,h)anthracene	16.98	278	1018062	42.15	ng		97
91) Benzo(g,h,i)perylene	17.39	276	1003776	43.59	ng		96

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

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