Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091571.D
Acq On : 14 Dec 2016 1:00
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/14/2016 6:23:12 PM

Quant Time: Dec 14 04:23:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	296783	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1147699	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	548500	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	832353	20.00	ng		0.00
75) Chrysene-d12	13.96	240	572362	20.00	ng		0.00
86) Perylene-d12	15.38	264	685275	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1410976	80.10	ng		0.00
7) Phenol-d6	6.45	99	1637095	74.54	ng		0.00
23) Nitrobenzene-d5	7.38	82	1529274	74.37	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	306252	67.22	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	2408486	75.87	ng		0.00
78) Terphenyl-d14	12.91	244	1790820	71.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	358989	38.61	ng	#	84
3) Pyridine	3.08	79	1042277	42.07	ng	#	79
4) n-Nitrosodimethylamine	3.02	42	390512	36.69	ng	#	60
6) Aniline	6.48	93	1100310	38.21	ng	#	76
8) 2-Chlorophenol	6.60	128	789731	39.72	ng		99
9) Benzaldehyde	6.36	77	530806m	35.12	ng		
10) Phenol	6.46	94	846451	32.96	ng		84
11) bis(2-Chloroethyl)ether	6.56	93	799981	41.47	ng	#	83
12) 1,3-Dichlorobenzene	6.75	146	793436m	36.80	ng		
13) 1,4-Dichlorobenzene	6.83	146	805957	37.90	ng		96
14) 1,2-Dichlorobenzene	6.99	146	759733	39.64	ng		93
15) Benzyl Alcohol	6.96	79	618096	35.65	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1173802	39.27	ng		81
17) 2-Methylphenol	7.08	107	647607	39.36	ng	#	76
18) Hexachloroethane	7.33	117	306983	36.98	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	516061	37.58	ng	#	84
20) 3+4-Methylphenols	7.23	107	690317	38.39	ng	#	58
22) Acetophenone	7.23	105	1074329	39.07	ng	#	95
24) Nitrobenzene	7.40	77	903157	41.57	ng	#	85
25) Isophorone	7.64	82	1416028	38.74	ng		100
26) 2-Nitrophenol	7.72	139	387792	40.44	ng	#	64
27) 2,4-Dimethylphenol	7.77	122	647714	38.46	ng		90
28) bis(2-Chloroethoxy)methane	7.86	93	886851	41.36	ng		97
29) 2,4-Dichlorophenol	7.96	162	587035	40.06	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	618477	37.14	ng		99
31) Naphthalene	8.12	128	1963002	36.76	ng		99
32) Benzoic acid	7.87	122	356131	31.36	ng		92
33) 4-Chloroaniline	8.18	127	876220	38.09	ng	#	89
34) Hexachlorobutadiene	8.25	225	373247	39.10	ng		98
35) Caprolactam	8.54	113	179058	41.84	ng	#	56
36) 4-Chloro-3-methylphenol	8.66	107	621580	37.82	ng		97
37) 2-Methylnaphthalene	8.82	142	1287931	37.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	549753	36.54	ng		99
40) Hexachlorocyclopentadiene	8.97	237	162042	24.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	388724	40.21	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	375394	37.79	ng		95
45) 1,1'-Biphenyl	9.28	154	1471408	37.04	ng		99
46) 2-Chloronaphthalene	9.30	162	1114068	36.21	ng		98
47) 2-Nitroaniline	9.40	65	400727	38.73	ng	#	71
48) Acenaphthylene	9.71	152	1765291	37.64	ng		99
49) Dimethylphthalate	9.58	163	1413842	40.71	ng		99
50) 2,6-Dinitrotoluene	9.64	165	329376	43.21	ng	#	72
51) Acenaphthene	9.88	154	1149893	35.30	ng		97
52) 3-Nitroaniline	9.80	138	367135	41.00	ng		88
53) 2,4-Dinitrophenol	9.90	184	59186	20.84	ng	#	68
54) Dibenzofuran	10.05	168	1487911	36.92	ng		99
55) 4-Nitrophenol	9.97	139	260449	39.09	ng	#	77
56) 2,4-Dinitrotoluene	10.04	165	426951	44.68	ng		92
57) Fluorene	10.40	166	1063869	35.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	303331	39.00	ng		98
59) Diethylphthalate	10.28	149	1359405	40.65	ng	#	94
60) 4-Chlorophenyl-phenylether	10.40	204	570196	39.35	ng		93
61) 4-Nitroaniline	10.42	138	374801	42.12	ng		99
62) Azobenzene	10.56	77	1449957	38.26	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	110145	23.40	ng	#	78
65) n-Nitrosodiphenylamine	10.51	169	1007049	40.58	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	337211	39.52	ng	#	72
67) Hexachlorobenzene	10.94	284	336057	37.87	ng	#	78
68) Atrazine	11.04	200	278951	34.96	ng		99
69) Pentachlorophenol	11.14	266	184943	37.03	ng		98
70) Phenanthrene	11.36	178	1623978	39.40	ng		99
71) Anthracene	11.41	178	1683843	37.87	ng		98
72) Carbazole	11.56	167	1455134	37.34	ng		99
73) Di-n-butylphthalate	11.90	149	1918178	42.25	ng		99
74) Fluoranthene	12.55	202	1598851	37.05	ng		98
76) Benzidine	12.66	184	705373	39.86	ng		99
77) Pyrene	12.76	202	1567526	34.52	ng		98
79) Butylbenzylphthalate	13.39	149	703972	39.77	ng		92
80) Benzo(a)anthracene	13.95	228	1252803	37.69	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	480544	40.26	ng	#	97
82) Chrysene	13.99	228	1297575	37.31	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	889467	39.17	ng		99
84) Di-n-octyl phthalate	14.57	149	1715806	44.51	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1642479	52.48	ng		98
87) Benzo(b)fluoranthene	14.98	252	1561041m	38.21	ng		
88) Benzo(k)fluoranthene	15.00	252	1256717m	34.99	ng		
89) Benzo(a)pyrene	15.32	252	1426569	38.76	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	1385875	42.04	ng	#	96
91) Benzo(g,h,i)perylene	17.16	276	1409532	42.01	ng	#	94

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

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