Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091782.D
Acq On : 19 Dec 2016 19:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/20/2016 6:32:42 PM

Quant Time: Dec 20 13:25:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	252102	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	999282	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	528065	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	818640	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	688871	20.00	ng		-0.01
86) Perylene-d12	15.31	264	689102	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1290520	85.76	ng		-0.01
7) Phenol-d6	6.41	99	1538242	83.82	ng		-0.01
23) Nitrobenzene-d5	7.33	82	1567271	90.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	371301	82.92	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	2249045	85.56	ng		-0.01
78) Terphenyl-d14	12.86	244	2020065	74.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	353626m	47.72	ng		
3) Pyridine	2.99	79	1105038	46.29	ng		97
4) n-Nitrosodimethylamine	2.96	42	402907	43.61	ng		98
6) Aniline	6.42	93	973512	41.23	ng		93
8) 2-Chlorophenol	6.54	128	682370	41.20	ng		99
9) Benzaldehyde	6.30	77	476463	46.49	ng		99
10) Phenol	6.42	94	890273	43.04	ng		99
11) bis(2-Chloroethyl)ether	6.50	93	645946	39.10	ng		100
12) 1,3-Dichlorobenzene	6.70	146	731222	40.20	ng		99
13) 1,4-Dichlorobenzene	6.77	146	727394	39.52	ng		99
14) 1,2-Dichlorobenzene	6.93	146	713987	44.29	ng		99
15) Benzyl Alcohol	6.91	79	598682	42.14	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1001349	39.67	ng		99
17) 2-Methylphenol	7.02	107	570417	41.21	ng		99
18) Hexachloroethane	7.28	117	287783	42.09	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	462942	37.92	ng		98
20) 3+4-Methylphenols	7.18	107	668961	43.33	ng		92
22) Acetophenone	7.17	105	975579	40.43	ng		99
24) Nitrobenzene	7.34	77	690397	37.10	ng		100
25) Isophorone	7.60	82	1338497	40.49	ng		99
26) 2-Nitrophenol	7.66	139	389785	43.42	ng		97
27) 2,4-Dimethylphenol	7.71	122	601690	41.09	ng		100
28) bis(2-Chloroethoxy)methane	7.80	93	745249	38.53	ng		99
29) 2,4-Dichlorophenol	7.90	162	529898	39.23	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	596632	40.76	ng		100
31) Naphthalene	8.06	128	1871676	39.20	ng		100
32) Benzoic acid	7.85	122	443433	42.49	ng		97
33) 4-Chloroaniline	8.12	127	865266	43.03	ng		99
34) Hexachlorobutadiene	8.19	225	329290	40.01	ng		99
35) Caprolactam	8.50	113	170313	39.19	ng	#	65
36) 4-Chloro-3-methylphenol	8.61	107	638616	42.86	ng		96
37) 2-Methylnaphthalene	8.76	142	1267403	42.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	514481	39.09	ng		99
40) Hexachlorocyclopentadiene	8.91	237	204131	36.59	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	382456	40.67	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	371314	40.19	ng		99
45) 1,1'-Biphenyl	9.23	154	1564901	41.35	ng		98
46) 2-Chloronaphthalene	9.25	162	1184730	41.89	ng		96
47) 2-Nitroaniline	9.34	65	380439	39.39	ng		100
48) Acenaphthylene	9.66	152	1876777	42.82	ng		99
49) Dimethylphthalate	9.53	163	1338030	38.79	ng		98
50) 2,6-Dinitrotoluene	9.60	165	306258	40.49	ng	#	77
51) Acenaphthene	9.84	154	1299355	43.20	ng		99
52) 3-Nitroaniline	9.76	138	336849	35.77	ng		99
53) 2,4-Dinitrophenol	9.87	184	160793	39.36	ng		97
54) Dibenzofuran	10.01	168	1601473	44.78	ng		97
55) 4-Nitrophenol	9.93	139	284811	43.55	ng		94
56) 2,4-Dinitrotoluene	10.00	165	434190	45.96	ng		88
57) Fluorene	10.35	166	1266544	45.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	292016	38.23	ng		99
59) Diethylphthalate	10.22	149	1245481	36.73	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	494514	39.08	ng		98
61) 4-Nitroaniline	10.37	138	402642	45.13	ng		97
62) Azobenzene	10.50	77	1413012	39.17	ng		98
64) 4,6-Dinitro-2-methylphenol	10.41	198	230211	42.64	ng		82
65) n-Nitrosodiphenylamine	10.46	169	1121947	44.14	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	370300	43.14	ng	#	87
67) Hexachlorobenzene	10.90	284	391974	43.57	ng	#	85
68) Atrazine	10.99	200	323014	42.05	ng		97
69) Pentachlorophenol	11.09	266	219896	45.30	ng		98
70) Phenanthrene	11.30	178	1742544	42.60	ng		99
71) Anthracene	11.36	178	1865011	43.05	ng		99
72) Carbazole	11.52	167	1800391m	47.52	ng		
73) Di-n-butylphthalate	11.85	149	1925521	39.64	ng		99
74) Fluoranthene	12.49	202	1872197	43.82	ng		98
76) Benzidine	12.61	184	847389	42.73	ng		98
77) Pyrene	12.72	202	2010161	40.41	ng		99
79) Butylbenzylphthalate	13.35	149	903364	38.80	ng	#	77
80) Benzo(a)anthracene	13.91	228	1530871	38.85	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	662884	42.04	ng	#	96
82) Chrysene	13.94	228	1547871	37.90	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	1057895	35.82	ng	#	97
84) Di-n-octyl phthalate	14.51	149	1918383	35.25	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	1587445	39.53	ng		99
87) Benzo(b)fluoranthene	14.92	252	1930053m	44.17	ng		
88) Benzo(k)fluoranthene	14.95	252	1163864m	37.96	ng		
89) Benzo(a)pyrene	15.25	252	1528651	40.76	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	1325724	40.55	ng		99
91) Benzo(g,h,i)perylene	17.06	276	1375282	41.39	ng	#	96

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

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