Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091720.D
Acq On : 17 Dec 2016 23:48
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
12/20/2016 11:41:01 AM

Quant Time: Dec 18 03:02:38 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	6.77	152	303044	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1226272	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	666792	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1092174	20.00	ng		0.00
75) Chrysene-d12	13.93	240	813251	20.00	ng		0.00
86) Perylene-d12	15.33	264	876063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1589860	87.90	ng		0.00
7) Phenol-d6	6.42	99	1936612	87.79	ng		0.00
23) Nitrobenzene-d5	7.34	82	1873979	88.13	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	461277	81.58	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	2794030	84.18	ng		0.00
78) Terphenyl-d14	12.88	244	2533958	78.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	447970	50.29	ng		99
3) Pyridine	3.00	79	1166175	40.64	ng		96
4) n-Nitrosodimethylamine	2.96	42	479593	43.18	ng		100
6) Aniline	6.43	93	1208395	42.57	ng		91
8) 2-Chlorophenol	6.56	128	860621	43.23	ng		97
9) Benzaldehyde	6.32	77	600888	49.96	ng		98
10) Phenol	6.43	94	1155036	46.45	ng		98
11) bis(2-Chloroethyl)ether	6.51	93	864978	43.56	ng		99
12) 1,3-Dichlorobenzene	6.70	146	887262	40.58	ng	#	89
13) 1,4-Dichlorobenzene	6.78	146	868114	39.24	ng		100
14) 1,2-Dichlorobenzene	6.94	146	906234	46.76	ng		98
15) Benzyl Alcohol	6.92	79	751332	43.99	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1308322	43.12	ng		99
17) 2-Methylphenol	7.04	107	695407	41.80	ng		99
18) Hexachloroethane	7.29	117	366926	44.64	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	605270	41.25	ng		99
20) 3+4-Methylphenols	7.20	107	882217	47.53	ng	#	89
22) Acetophenone	7.18	105	1246777	42.11	ng		100
24) Nitrobenzene	7.36	77	868547	38.04	ng		98
25) Isophorone	7.61	82	1794257	44.22	ng		99
26) 2-Nitrophenol	7.68	139	510223	46.32	ng		95
27) 2,4-Dimethylphenol	7.72	122	801586	44.60	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	981755	41.36	ng		100
29) 2,4-Dichlorophenol	7.92	162	645697	38.96	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	732528	40.78	ng	#	95
31) Naphthalene	8.08	128	2301282	39.28	ng		100
32) Benzoic acid	7.87	122	614429	47.98	ng		98
33) 4-Chloroaniline	8.13	127	1053904	42.71	ng		99
34) Hexachlorobutadiene	8.20	225	442786	43.85	ng		99
35) Caprolactam	8.51	113	240653	45.13	ng	#	62
36) 4-Chloro-3-methylphenol	8.62	107	811100	44.36	ng		97
37) 2-Methylnaphthalene	8.77	142	1606674	43.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	674450	40.58	ng		100
40) Hexachlorocyclopentadiene	8.92	237	311613	44.24	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	497472	41.89	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	480994	41.23	ng		98
45) 1,1'-Biphenyl	9.24	154	2039366	42.67	ng		99
46) 2-Chloronaphthalene	9.26	162	1527355	42.76	ng		97
47) 2-Nitroaniline	9.36	65	496449	40.71	ng		98
48) Acenaphthylene	9.68	152	2318473	41.90	ng		99
49) Dimethylphthalate	9.55	163	1883691	43.25	ng		100
50) 2,6-Dinitrotoluene	9.61	165	443025	46.39	ng		90
51) Acenaphthene	9.85	154	1596550	42.03	ng		99
52) 3-Nitroaniline	9.77	138	476454	40.07	ng		100
53) 2,4-Dinitrophenol	9.87	184	219294	42.51	ng	#	50
54) Dibenzofuran	10.02	168	2000871	44.30	ng		100
55) 4-Nitrophenol	9.94	139	360181	43.62	ng		94
56) 2,4-Dinitrotoluene	10.01	165	561874	47.10	ng		95
57) Fluorene	10.36	166	1635237	46.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	400068	41.48	ng		98
59) Diethylphthalate	10.24	149	1687156	39.41	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	639971	40.05	ng		100
61) 4-Nitroaniline	10.38	138	457351	40.60	ng		100
62) Azobenzene	10.51	77	1822375	40.00	ng		100
64) 4,6-Dinitro-2-methylphenol	10.42	198	336094	46.66	ng		91
65) n-Nitrosodiphenylamine	10.48	169	1424257	42.00	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	465090	40.61	ng		98
67) Hexachlorobenzene	10.91	284	535838	44.65	ng		93
68) Atrazine	11.00	200	428798	41.84	ng		97
69) Pentachlorophenol	11.10	266	311663	48.13	ng		99
70) Phenanthrene	11.32	178	2451525	44.92	ng		99
71) Anthracene	11.37	178	2134233	36.92	ng		100
72) Carbazole	11.53	167	2255492	44.62	ng		100
73) Di-n-butylphthalate	11.86	149	2533647	39.10	ng		99
74) Fluoranthene	12.50	202	2239137	39.28	ng		100
76) Benzidine	12.63	184	1027256	43.88	ng		100
77) Pyrene	12.73	202	2223973	37.87	ng		99
79) Butylbenzylphthalate	13.36	149	1226178	44.61	ng		95
80) Benzo(a)anthracene	13.92	228	1915530	41.18	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	756390	40.64	ng		98
82) Chrysene	13.96	228	1999266	41.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1357532	38.93	ng		99
84) Di-n-octyl phthalate	14.53	149	2795870	43.51	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2063282	43.52	ng		100
87) Benzo(b)fluoranthene	14.93	252	2032941m	36.60	ng		
88) Benzo(k)fluoranthene	14.97	252	2011541m	51.61	ng		
89) Benzo(a)pyrene	15.28	252	1923895	40.35	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	1702619	40.97	ng		99
91) Benzo(g,h,i)perylene	17.09	276	1772342	41.96	ng		96

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

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