Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089791.D
Acq On : 19 Aug 2016 12:34
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED

Quant Time: Aug 19 13:55:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 11:53:44 2016
Response via : Initial Calibration

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8/19/2016 4:51:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	567980m	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2360750	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	1099210	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	1890209	20.00	ng		0.01
75) Chrysene-d12	13.91	240	1094923	20.00	ng		0.03
86) Perylene-d12	15.45	264	1052172	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	4730502	138.96	ng		0.01
7) Phenol-d6	6.34	99	5834435	134.75	ng		0.02
23) Nitrobenzene-d5	7.27	82	4958597	128.26	ng		0.01
41) 2,4,6-Tribromophenol	10.51	330	1284178	120.76	ng		0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	1283772	73.05	ng		96
3) Pyridine	2.81	79	3525963	77.86	ng		96
4) n-Nitrosodimethylamine	2.80	42	1344676	73.98	ng	#	72
6) Aniline	6.36	93	4031489	69.27	ng		98
8) 2-Chlorophenol	6.48	128	3103583	76.65	ng		83
9) Benzaldehyde	6.23	77	1801922	62.79	ng		91
10) Phenol	6.35	94	3477529	64.53	ng		95
11) bis(2-Chloroethyl)ether	6.44	93	2916156	73.03	ng		89
12) 1,3-Dichlorobenzene	6.63	146	2891944m	66.82	ng		
13) 1,4-Dichlorobenzene	6.71	146	2871539m	65.49	ng		
14) 1,2-Dichlorobenzene	6.87	146	2967482	70.98	ng		94
15) Benzyl Alcohol	6.84	79	1809396	62.53	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.98	45	3393631	64.78	ng		91
17) 2-Methylphenol	6.96	107	2325812	72.30	ng		96
18) Hexachloroethane	7.21	117	1204404	74.95	ng	#	90
19) n-Nitroso-di-n-propylamine	7.13	70	1941935	68.48	ng		91
20) 3+4-Methylphenols	7.12	107	2439558	59.22	ng	#	82
22) Acetophenone	7.12	105	3820223	69.62	ng	#	86
24) Nitrobenzene	7.29	77	3304388	75.98	ng	#	79
25) Isophorone	7.53	82	5704789	73.75	ng	#	93
26) 2-Nitrophenol	7.60	139	1841395	89.99	ng		95
27) 2,4-Dimethylphenol	7.64	122	2594109	66.88	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	3493647	74.32	ng	#	93
29) 2,4-Dichlorophenol	7.84	162	2261974	70.05	ng		95
30) 1,2,4-Trichlorobenzene	7.92	180	2290056	66.06	ng		99
32) Benzoic acid	7.82	122	2353040	78.03	ng		98
33) 4-Chloroaniline	8.06	127	3623247	73.89	ng	#	95
34) Hexachlorobutadiene	8.12	225	1247143	68.48	ng		97
35) Caprolactam	8.46	113	822012m	82.59	ng		
36) 4-Chloro-3-methylphenol	8.55	107	2748162	78.17	ng		98
37) 2-Methylnaphthalene	8.68	142	4603825	63.83	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	2066222	58.47	ng		98
40) Hexachlorocyclopentadiene	8.84	237	941779	59.80	ng		99
42) 2,4,6-Trichlorophenol	8.97	196	1667328	73.04	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	1567690	72.03	ng	#	90
45) 1,1'-Biphenyl	9.15	154	5153850	56.61	ng		95
46) 2-Chloronaphthalene	9.18	162	4074304	59.72	ng		96
47) 2-Nitroaniline	9.27	65	1351070	65.00	ng		94
48) Acenaphthylene	9.59	152	5983255	56.97	ng	#	91
49) Dimethylphthalate	9.47	163	5439241	68.39	ng	#	96
50) 2,6-Dinitrotoluene	9.52	165	1266787	70.37	ng		95
51) Acenaphthene	9.76	154	4149788	58.56	ng		97
52) 3-Nitroaniline	9.69	138	1682823	80.40	ng		89
54) Dibenzofuran	9.93	168	4876239	55.92	ng		96
55) 4-Nitrophenol	9.85	139	1365618	84.81	ng		97
56) 2,4-Dinitrotoluene	9.92	165	1459410	63.07	ng	#	71
57) Fluorene	10.27	166	3797290	53.90	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	1133941	66.71	ng		97
59) Diethylphthalate	10.17	149	5512078	68.35	ng	#	93
60) 4-Chlorophenyl-phenylether	10.27	204	1864781	53.91	ng		98
61) 4-Nitroaniline	10.31	138	1354995	66.68	ng		98
62) Azobenzene	10.43	77	5322815	69.85	ng		87
64) 4,6-Dinitro-2-methylphenol	10.33	198	972013	88.56	ng		86
65) n-Nitrosodiphenylamine	10.40	169	4505419	75.95	ng		97
66) 4-Bromophenyl-phenylether	10.75	248	1308621	66.85	ng	#	68
67) Hexachlorobenzene	10.82	284	1653555	75.99	ng	#	92
68) Atrazine	10.92	200	1201493	66.87	ng		96
69) Pentachlorophenol	11.00	266	969352	71.50	ng		97
70) Phenanthrene	11.22	178	5911851	63.63	ng	#	93
71) Anthracene	11.28	178	6057956m	62.41	ng		
72) Carbazole	11.43	167	5942134	64.60	ng		96
73) Di-n-butylphthalate	11.78	149	6841071	61.15	ng	#	94
74) Fluoranthene	12.41	202	6018301	64.47	ng		93
76) Benzidine	12.54	184	2538276	64.59	ng		96
77) Pyrene	12.64	202	5853023	81.69	ng	#	91
79) Butylbenzylphthalate	13.30	149	2882825	80.20	ng		90
80) Benzo(a)anthracene	13.90	228	4549907	71.52	ng		97
81) 3,3'-Dichlorobenzidine	13.86	252	1493356	64.43	ng		97
82) Chrysene	13.94	228	3685372	64.37	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	3918727	82.38	ng		96
84) Di-n-octyl phthalate	14.63	149	5483029	74.16	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.77	276	5512969	113.02	ng		100
87) Benzo(b)fluoranthene	15.05	252	4013442	60.20	ng		97
88) Benzo(k)fluoranthene	15.09	252	3773836m	68.77	ng		
89) Benzo(a)pyrene	15.39	252	3911641	71.07	ng		97
90) Dibenzo(a,h)anthracene	16.79	278	4399828	101.52	ng		95
91) Benzo(g,h,i)perylene	17.15	276	4791177	108.62	ng		99

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

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