Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091716.D
Acq On : 17 Dec 2016 15:43
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
umangi
12/20/2016 11:40:31 AM

Quant Time: Dec 17 22:37:26 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 22:15:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	332240	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	1368617	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	722323	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	1195685	20.00	ng		0.01
75) Chrysene-d12	13.94	240	786438	20.00	ng		0.01
86) Perylene-d12	15.33	264	879080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1945476	97.94	ng		0.00
7) Phenol-d6	6.43	99	2626266	105.68	ng		0.01
23) Nitrobenzene-d5	7.34	82	2542317	102.45	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	657689	109.13	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	3707583	90.43	ng		0.00
78) Terphenyl-d14	12.89	244	3564971	103.49	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	552829	52.93	ng		99
3) Pyridine	3.00	79	1791084	62.59	ng		99
4) n-Nitrosodimethylamine	2.98	42	713773	59.04	ng		99
6) Aniline	6.44	93	1653431	50.96	ng		95
8) 2-Chlorophenol	6.57	128	1205173	54.11	ng		86
9) Benzaldehyde	6.32	77	701231	41.30	ng		98
10) Phenol	6.44	94	1599102	54.03	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	1269185	58.91	ng		94
12) 1,3-Dichlorobenzene	6.72	146	1334677m	54.45	ng		
13) 1,4-Dichlorobenzene	6.80	146	1312378	54.35	ng		92
14) 1,2-Dichlorobenzene	6.94	146	1049881	48.47	ng		97
15) Benzyl Alcohol	6.92	79	992613	50.61	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1757956	52.44	ng		96
17) 2-Methylphenol	7.05	107	1022040	55.30	ng		96
18) Hexachloroethane	7.29	117	508767	54.27	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	835689	54.12	ng		98
20) 3+4-Methylphenols	7.21	107	1189402	51.86	ng	#	75
22) Acetophenone	7.20	105	1686318	50.96	ng		97
24) Nitrobenzene	7.37	77	1423038	55.76	ng		95
25) Isophorone	7.61	82	2544705	57.39	ng		97
26) 2-Nitrophenol	7.68	139	644231	55.66	ng		94
27) 2,4-Dimethylphenol	7.72	122	1142122	55.99	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	1480385	58.02	ng	#	98
29) 2,4-Dichlorophenol	7.93	162	1031638	58.58	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	1089489	54.18	ng		97
31) Naphthalene	8.09	128	3475652	53.94	ng		99
32) Benzoic acid	7.89	122	906670	65.14	ng		98
33) 4-Chloroaniline	8.13	127	1420719	51.08	ng		98
34) Hexachlorobutadiene	8.20	225	565564	49.74	ng		99
35) Caprolactam	8.53	113	333857	62.20	ng	#	69
36) 4-Chloro-3-methylphenol	8.64	107	1192111	60.28	ng		89
37) 2-Methylnaphthalene	8.77	142	1980678	47.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	977735	49.02	ng		99
40) Hexachlorocyclopentadiene	8.93	237	493449	56.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	702666	55.14	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	741165	56.09	ng	#	88
45) 1,1'-Biphenyl	9.24	154	2521525	47.16	ng		97
46) 2-Chloronaphthalene	9.26	162	1943569	47.31	ng		95
47) 2-Nitroaniline	9.37	65	827273	61.42	ng	#	81
48) Acenaphthylene	9.68	152	2856793	45.98	ng		99
49) Dimethylphthalate	9.55	163	2520308	54.38	ng		98
50) 2,6-Dinitrotoluene	9.61	165	500822	49.01	ng	#	67
51) Acenaphthene	9.85	154	2042362	47.37	ng		99
52) 3-Nitroaniline	9.78	138	637265	53.59	ng		96
53) 2,4-Dinitrophenol	9.88	184	339176	84.09	ng	#	64
54) Dibenzofuran	10.02	168	2379854	44.53	ng		96
55) 4-Nitrophenol	9.95	139	550965	63.91	ng		93
56) 2,4-Dinitrotoluene	10.01	165	711019	56.10	ng	#	85
57) Fluorene	10.36	166	1811744	43.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	576362	56.42	ng		96
59) Diethylphthalate	10.25	149	2377834	53.70	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	943160	50.00	ng	#	80
61) 4-Nitroaniline	10.40	138	660848	55.46	ng		99
62) Azobenzene	10.52	77	2764169	55.86	ng		88
64) 4,6-Dinitro-2-methylphenol	10.42	198	456069	71.35	ng	#	47
65) n-Nitrosodiphenylamine	10.48	169	1821014	49.86	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	622006	50.40	ng		94
67) Hexachlorobenzene	10.91	284	646527	49.30	ng	#	89
68) Atrazine	11.01	200	604738	52.57	ng		97
69) Pentachlorophenol	11.10	266	420395	56.87	ng		100
70) Phenanthrene	11.32	178	2902864	47.45	ng		99
71) Anthracene	11.38	178	3396655	53.63	ng		99
72) Carbazole	11.53	167	2649321	46.23	ng		99
73) Di-n-butylphthalate	11.87	149	3826267	58.18	ng		98
74) Fluoranthene	12.51	202	3423268	55.26	ng		95
76) Benzidine	12.63	184	1110902	45.63	ng		98
77) Pyrene	12.74	202	3509957	57.02	ng		99
79) Butylbenzylphthalate	13.36	149	1485464	59.85	ng		97
80) Benzo(a)anthracene	13.92	228	2433890	52.81	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	1067889	63.06	ng	#	97
82) Chrysene	13.96	228	2454818	50.85	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	1849204	58.61	ng		100
84) Di-n-octyl phthalate	14.53	149	3392943	61.99	ng		97
85) Indeno(1,2,3-cd)pyrene	16.69	276	2685248	60.79	ng		99
87) Benzo(b)fluoranthene	14.95	252	2992914m	55.58	ng		
88) Benzo(k)fluoranthene	14.97	252	2293386m	50.62	ng		
89) Benzo(a)pyrene	15.29	252	2642654	55.66	ng	#	97
90) Dibenzo(a,h)anthracene	16.72	278	2175582	51.02	ng		99
91) Benzo(g,h,i)perylene	17.11	276	2265559	51.98	ng	#	95

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

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