Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092073.D
Acq On : 4 Jan 2017 17:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/5/2017 4:02:06 PM

Quant Time: Jan 05 00:15:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	244985	20.00	ng		-0.04
21) Naphthalene-d8	7.96	136	1010564	20.00	ng		-0.04
38) Acenaphthene-d10	9.70	164	520400	20.00	ng		-0.05
63) Phenanthrene-d10	11.18	188	739420	20.00	ng		-0.05
75) Chrysene-d12	13.81	240	521529	20.00	ng		-0.06
86) Perylene-d12	15.18	264	487139	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	871037	59.37	ng		-0.06
7) Phenol-d6	6.33	99	1425665	79.59	ng		-0.05
23) Nitrobenzene-d5	7.24	82	1285394	70.73	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	323521	75.12	ng		-0.05
44) 2-Fluorobiphenyl	9.03	172	1971034	76.28	ng		-0.05
78) Terphenyl-d14	12.77	244	1905815	88.63	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	247514	34.27	ng		99
3) Pyridine	2.78	79	661778	26.25	ng		97
4) n-Nitrosodimethylamine	2.73	42	259544	27.29	ng		96
6) Aniline	6.33	93	883039	37.95	ng	#	61
8) 2-Chlorophenol	6.46	128	669805	40.13	ng		88
9) Benzaldehyde	6.21	77	413894	40.77	ng		99
10) Phenol	6.34	94	928489	45.49	ng	#	68
11) bis(2-Chloroethyl)ether	6.41	93	666660	41.05	ng		93
12) 1,3-Dichlorobenzene	6.61	146	683383	38.36	ng		100
13) 1,4-Dichlorobenzene	6.68	146	673347	37.13	ng		99
14) 1,2-Dichlorobenzene	6.84	146	654738	41.61	ng		99
15) Benzyl Alcohol	6.82	79	540420	38.83	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	979091	40.48	ng	#	14
17) 2-Methylphenol	6.95	107	544734	40.58	ng		93
18) Hexachloroethane	7.18	117	262519	39.05	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	502196	42.14	ng	#	88
20) 3+4-Methylphenols	7.11	107	717086	44.79	ng	#	71
22) Acetophenone	7.09	105	991605	39.78	ng	#	92
24) Nitrobenzene	7.26	77	823461	42.54	ng		91
25) Isophorone	7.50	82	1271738	37.93	ng		96
26) 2-Nitrophenol	7.58	139	356631	37.36	ng	#	75
27) 2,4-Dimethylphenol	7.62	122	520439	32.87	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	798456	39.27	ng		99
29) 2,4-Dichlorophenol	7.82	162	498929	37.22	ng		87
30) 1,2,4-Trichlorobenzene	7.90	180	569115	38.74	ng		98
31) Naphthalene	7.98	128	1850168	40.00	ng		99
32) Benzoic acid	7.78	122	515333	43.89	ng		88
33) 4-Chloroaniline	8.04	127	832538	39.92	ng		94
34) Hexachlorobutadiene	8.09	225	286630	36.96	ng		100
35) Caprolactam	8.41	113	160006	36.32	ng	#	62
36) 4-Chloro-3-methylphenol	8.53	107	529692	34.34	ng		98
37) 2-Methylnaphthalene	8.66	142	1177662	40.56	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	525429	39.96	ng		99
40) Hexachlorocyclopentadiene	8.82	237	192617	35.24	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	350655	38.14	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	371220	39.23	ng		93
45) 1,1'-Biphenyl	9.13	154	1552255	43.56	ng		100
46) 2-Chloronaphthalene	9.16	162	1147810	40.68	ng		96
47) 2-Nitroaniline	9.26	65	442905	44.08	ng	#	84
48) Acenaphthylene	9.57	152	1772299	40.84	ng		98
49) Dimethylphthalate	9.44	163	1323882	39.78	ng		99
50) 2,6-Dinitrotoluene	9.50	165	271740	37.30	ng	#	74
51) Acenaphthene	9.74	154	1153112	39.19	ng		99
52) 3-Nitroaniline	9.67	138	378355	41.97	ng		93
53) 2,4-Dinitrophenol	9.77	184	152906	37.72	ng	#	59
54) Dibenzofuran	9.91	168	1515697	38.15	ng		93
55) 4-Nitrophenol	9.85	139	262491	42.88	ng		88
56) 2,4-Dinitrotoluene	9.90	165	317227	34.69	ng	#	76
57) Fluorene	10.25	166	1134172	39.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	302040	40.36	ng		95
59) Diethylphthalate	10.14	149	1307141	40.44	ng		95
60) 4-Chlorophenyl-phenylether	10.24	204	474668	37.50	ng		97
61) 4-Nitroaniline	10.28	138	379779	40.65	ng		97
62) Azobenzene	10.40	77	1269922	35.68	ng		97
64) 4,6-Dinitro-2-methylphenol	10.31	198	215950	48.30	ng	#	65
65) n-Nitrosodiphenylamine	10.37	169	937286	42.72	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	325066	42.26	ng	#	84
67) Hexachlorobenzene	10.79	284	297003	36.13	ng	#	78
68) Atrazine	10.89	200	215384	30.43	ng		97
69) Pentachlorophenol	11.00	266	170697	42.31	ng		100
70) Phenanthrene	11.20	178	1453954	36.26	ng		99
71) Anthracene	11.26	178	1603429	45.15	ng		98
72) Carbazole	11.42	167	1539141	48.08	ng		98
73) Di-n-butylphthalate	11.75	149	1642638	43.06	ng		99
74) Fluoranthene	12.38	202	1564068	44.41	ng		99
76) Benzidine	12.52	184	609148	46.16	ng		97
77) Pyrene	12.61	202	1470059	38.42	ng		99
79) Butylbenzylphthalate	13.24	149	713566	41.00	ng		93
80) Benzo(a)anthracene	13.80	228	1276704	43.37	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	507948	45.50	ng	#	94
82) Chrysene	13.83	228	1171473	39.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.81	149	923926	45.08	ng	#	96
84) Di-n-octyl phthalate	14.41	149	1585744	41.77	ng		100
85) Indeno(1,2,3-cd)pyrene	16.46	276	984226	38.47	ng		100
87) Benzo(b)fluoranthene	14.80	252	1167284m	38.49	ng		
88) Benzo(k)fluoranthene	14.83	252	1023265m	39.57	ng		
89) Benzo(a)pyrene	15.12	252	1026114	38.12	ng		99
90) Dibenzo(a,h)anthracene	16.47	278	829274	37.48	ng		99
91) Benzo(g,h,i)perylene	16.85	276	857814	37.29	ng		99

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

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