Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093733.D
Acq On : 18 Mar 2017 5:32
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/20/2017 12:58:20 PM

Quant Time: Mar 18 06:27:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	202167	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	840209	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	390628	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	671499	20.00	ng		0.00
75) Chrysene-d12	13.99	240	439498	20.00	ng		-0.01
86) Perylene-d12	15.41	264	422404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	962571	79.38	ng		0.00
7) Phenol-d6	6.48	99	1242303	82.66	ng		0.00
23) Nitrobenzene-d5	7.41	82	1127055	80.51	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	241861	94.60	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1715881	82.89	ng		0.00
78) Terphenyl-d14	12.95	244	1653674	80.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	248848	39.74	ng		100
3) Pyridine	3.16	79	701399	40.95	ng		98
4) n-Nitrosodimethylamine	3.10	42	298705	39.86	ng		100
6) Aniline	6.50	93	840716	39.13	ng		99
8) 2-Chlorophenol	6.63	128	529686	39.29	ng		100
9) Benzaldehyde	6.39	77	344836	42.92	ng		98
10) Phenol	6.49	94	766815	43.64	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	568738	41.07	ng		99
12) 1,3-Dichlorobenzene	6.79	146	602808	40.36	ng		100
13) 1,4-Dichlorobenzene	6.87	146	623505	40.76	ng		99
14) 1,2-Dichlorobenzene	7.02	146	535995	37.47	ng		99
15) Benzyl Alcohol	6.98	79	431011	38.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	828365	37.94	ng		100
17) 2-Methylphenol	7.10	107	467105	40.02	ng		99
18) Hexachloroethane	7.36	117	211934	39.00	ng	#	73
19) n-Nitroso-di-n-propylamine	7.27	70	396580	39.74	ng		99
20) 3+4-Methylphenols	7.26	107	524591	37.91	ng		98
22) Acetophenone	7.26	105	665061	35.53	ng		99
24) Nitrobenzene	7.43	77	601596	39.75	ng		99
25) Isophorone	7.67	82	1048739	38.92	ng		99
26) 2-Nitrophenol	7.75	139	284686	49.68	ng		99
27) 2,4-Dimethylphenol	7.78	122	491504	37.49	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	684008	40.21	ng		100
29) 2,4-Dichlorophenol	7.99	162	468947	41.63	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	472516	40.24	ng		98
31) Naphthalene	8.16	128	1635797	39.93	ng		99
32) Benzoic acid	7.90	122	325710	40.80	ng		98
33) 4-Chloroaniline	8.20	127	632562	36.87	ng		99
34) Hexachlorobutadiene	8.29	225	241289	39.24	ng		98
35) Caprolactam	8.57	113	157981	41.78	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	480063	40.47	ng		97
37) 2-Methylnaphthalene	8.85	142	1054793	39.75	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	412057	45.05	ng		99
40) Hexachlorocyclopentadiene	9.01	237	202531	44.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	290310	43.04	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	315893m	45.43	ng		
45) 1,1'-Biphenyl	9.32	154	1234879	45.09	ng		98
46) 2-Chloronaphthalene	9.34	162	956066	43.50	ng		99
47) 2-Nitroaniline	9.42	65	269636	42.40	ng		98
48) Acenaphthylene	9.75	152	1679500	46.86	ng		100
49) Dimethylphthalate	9.61	163	1071473	41.99	ng		100
50) 2,6-Dinitrotoluene	9.67	165	281642	51.10	ng		95
51) Acenaphthene	9.92	154	965524	45.71	ng		100
52) 3-Nitroaniline	9.83	138	272870	41.73	ng		99
53) 2,4-Dinitrophenol	9.93	184	95325	47.87	ng		88
54) Dibenzofuran	10.09	168	1339463	46.65	ng		100
55) 4-Nitrophenol	9.98	139	241542	48.97	ng	#	52
56) 2,4-Dinitrotoluene	10.07	165	371793	50.68	ng		98
57) Fluorene	10.44	166	1010298	43.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	234395	49.02	ng		99
59) Diethylphthalate	10.31	149	1050457	43.25	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	398821	40.64	ng		96
61) 4-Nitroaniline	10.45	138	306723	50.41	ng		99
62) Azobenzene	10.58	77	1013907	41.32	ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	133370	38.10	ng		98
65) n-Nitrosodiphenylamine	10.54	169	874662	38.59	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	269224	42.41	ng		95
67) Hexachlorobenzene	10.98	284	285714	43.06	ng		98
68) Atrazine	11.08	200	289555	44.36	ng		99
69) Pentachlorophenol	11.17	266	167279	44.01	ng		99
70) Phenanthrene	11.38	178	1361882	35.87	ng		99
71) Anthracene	11.44	178	1570389	42.27	ng		100
72) Carbazole	11.59	167	1462607	37.61	ng		100
73) Di-n-butylphthalate	11.93	149	1559401	39.23	ng		100
74) Fluoranthene	12.57	202	1539240	41.84	ng		99
76) Benzidine	12.69	184	697935	40.64	ng		99
77) Pyrene	12.80	202	1660704	44.43	ng		100
79) Butylbenzylphthalate	13.43	149	718984	45.28	ng		100
80) Benzo(a)anthracene	13.98	228	1159609	41.11	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	407628	41.20	ng		99
82) Chrysene	14.03	228	1224696	44.92	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	776418	44.47	ng		100
84) Di-n-octyl phthalate	14.60	149	1443770	44.86	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	972312	42.11	ng		99
87) Benzo(b)fluoranthene	15.01	252	1093266	40.83	ng		98
88) Benzo(k)fluoranthene	15.03	252	957652m	40.47	ng		
89) Benzo(a)pyrene	15.35	252	959813	40.56	ng		100
90) Dibenzo(a,h)anthracene	16.80	278	827498	41.33	ng		100
91) Benzo(g,h,i)perylene	17.19	276	840205	41.27	ng		99

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

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