Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093761.D
Acq On : 20 Mar 2017 12:44
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
3/21/2017 2:44:55 PM

Quant Time: Mar 20 13:19:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 13:13:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	220542	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	919328	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	417242	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	715075	20.00	ng		0.00
75) Chrysene-d12	13.98	240	506940	20.00	ng		0.00
86) Perylene-d12	15.39	264	478775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1004011	75.90	ng		0.00
7) Phenol-d6	6.47	99	1260954	76.91	ng		0.00
23) Nitrobenzene-d5	7.41	82	1353376	88.35	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	272387	99.75	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1834428	82.96	ng		0.00
78) Terphenyl-d14	12.94	244	1959543	83.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	262223	38.39	ng		97
3) Pyridine	3.13	79	699599	37.45	ng		98
4) n-Nitrosodimethylamine	3.08	42	307182	37.57	ng		96
6) Aniline	6.49	93	887905	37.88	ng		99
8) 2-Chlorophenol	6.62	128	558571	37.98	ng		98
9) Benzaldehyde	6.38	77	458992	48.35	ng		99
10) Phenol	6.48	94	782926	40.84	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	564566	37.37	ng		99
12) 1,3-Dichlorobenzene	6.78	146	645649	39.62	ng		98
13) 1,4-Dichlorobenzene	6.86	146	677758	40.62	ng		99
14) 1,2-Dichlorobenzene	7.01	146	554584	35.54	ng		98
15) Benzyl Alcohol	6.98	79	491821	40.07	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	890451	37.39	ng		100
17) 2-Methylphenol	7.10	107	510068	40.06	ng		95
18) Hexachloroethane	7.36	117	233827	39.44	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	393354	36.13	ng		98
20) 3+4-Methylphenols	7.25	107	526564	34.89	ng		98
22) Acetophenone	7.25	105	720348	35.17	ng		99
24) Nitrobenzene	7.42	77	579821	35.02	ng		98
25) Isophorone	7.67	82	1135592	38.51	ng	#	91
26) 2-Nitrophenol	7.74	139	324701	51.79	ng		99
27) 2,4-Dimethylphenol	7.78	122	567242	39.54	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	706724	37.97	ng		100
29) 2,4-Dichlorophenol	7.98	162	495729	40.22	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	515564	40.13	ng		98
31) Naphthalene	8.15	128	1755303	39.16	ng		99
32) Benzoic acid	7.90	122	366870	48.87	ng		98
33) 4-Chloroaniline	8.20	127	710053	37.82	ng	#	87
34) Hexachlorobutadiene	8.28	225	267635	39.77	ng		99
35) Caprolactam	8.56	113	150371	36.35	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	547357	42.18	ng		93
37) 2-Methylnaphthalene	8.84	142	1113976	38.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	473948	48.51	ng		99
40) Hexachlorocyclopentadiene	9.00	237	218456	44.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	331641	46.04	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	315734	42.51	ng		99
45) 1,1'-Biphenyl	9.30	154	1342016	45.87	ng		99
46) 2-Chloronaphthalene	9.33	162	1054621	44.92	ng		99
47) 2-Nitroaniline	9.41	65	279603	41.17	ng		99
48) Acenaphthylene	9.74	152	1739663	45.44	ng		100
49) Dimethylphthalate	9.60	163	1112726	40.83	ng		100
50) 2,6-Dinitrotoluene	9.66	165	288990	49.09	ng		93
51) Acenaphthene	9.91	154	1010280	44.78	ng		99
52) 3-Nitroaniline	9.82	138	291873	41.79	ng		97
53) 2,4-Dinitrophenol	9.92	184	112986	64.41	ng		95
54) Dibenzofuran	10.08	168	1411690	46.03	ng		99
55) 4-Nitrophenol	9.98	139	281555	53.44	ng	#	81
56) 2,4-Dinitrotoluene	10.06	165	388815	49.62	ng		95
57) Fluorene	10.42	166	1071253	43.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	243943	47.76	ng		99
59) Diethylphthalate	10.30	149	1144102	44.10	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	427947	40.83	ng		98
61) 4-Nitroaniline	10.44	138	312800	48.13	ng		98
62) Azobenzene	10.57	77	1179673	45.01	ng		99
64) 4,6-Dinitro-2-methylphenol	10.46	198	160106	51.22	ng		98
65) n-Nitrosodiphenylamine	10.53	169	954276	39.53	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	298875	44.21	ng		94
67) Hexachlorobenzene	10.97	284	303468	42.95	ng		99
68) Atrazine	11.06	200	329695	47.43	ng		99
69) Pentachlorophenol	11.16	266	184097	45.48	ng		99
70) Phenanthrene	11.37	178	1412525	34.94	ng		100
71) Anthracene	11.43	178	1628118	41.16	ng		100
72) Carbazole	11.58	167	1537150	37.12	ng		99
73) Di-n-butylphthalate	11.92	149	1762394	41.63	ng		100
74) Fluoranthene	12.56	202	1672485	42.69	ng		96
76) Benzidine	12.68	184	890153	44.94	ng		99
77) Pyrene	12.79	202	1679677	38.96	ng		99
79) Butylbenzylphthalate	13.41	149	688655	37.60	ng	#	76
80) Benzo(a)anthracene	13.97	228	1266861	38.94	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	480882	42.13	ng	#	97
82) Chrysene	14.00	228	1110397	35.31	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	920455	45.71	ng	#	97
84) Di-n-octyl phthalate	14.59	149	1702870	45.87	ng		100
85) Indeno(1,2,3-cd)pyrene	16.75	276	1022146	38.38	ng		99
87) Benzo(b)fluoranthene	14.99	252	1114019	36.71	ng		98
88) Benzo(k)fluoranthene	15.02	252	1165403m	43.45	ng		
89) Benzo(a)pyrene	15.33	252	1043181	38.89	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	884099	38.96	ng		98
91) Benzo(g,h,i)perylene	17.16	276	872946	37.83	ng		98

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

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