Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094707.D
Acq On : 30 Apr 2017 11:49
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/1/2017 7:50:38 PM

Quant Time: May 01 06:55:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113989	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	456892	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	209648	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	382388	20.00	ng		0.00
75) Chrysene-d12	14.47	240	319446	20.00	ng		0.00
86) Perylene-d12	16.09	264	274774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	551341	80.25	ng		0.00
7) Phenol-d6	5.40	99	632843	78.13	ng		0.00
23) Nitrobenzene-d5	6.42	82	583322	78.83	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	146638	89.42	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1149867	80.70	ng		0.00
78) Terphenyl-d14	13.19	244	1021190	85.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	154182	38.59	ng		94
3) Pyridine	2.63	79	331935	38.01	ng		96
4) n-Nitrosodimethylamine	2.58	42	133532	36.95	ng		86
6) Aniline	5.40	93	414925	38.55	ng		90
8) 2-Chlorophenol	5.54	128	315018	40.29	ng		97
9) Benzaldehyde	5.27	77	258298	41.92	ng		98
10) Phenol	5.41	94	388430	39.04	ng		100
11) bis(2-Chloroethyl)ether	5.48	93	288927	39.75	ng		95
12) 1,3-Dichlorobenzene	5.70	146	349382	40.34	ng		99
13) 1,4-Dichlorobenzene	5.78	146	353963	40.62	ng		96
14) 1,2-Dichlorobenzene	5.96	146	324890	40.47	ng		97
15) Benzyl Alcohol	5.95	79	238319	39.66	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	383392	40.23	ng		60
17) 2-Methylphenol	6.09	107	247734	40.23	ng		95
18) Hexachloroethane	6.34	117	122174	40.90	ng	#	83
19) n-Nitroso-di-n-propylamine	6.25	70	219349	40.87	ng		96
20) 3+4-Methylphenols	6.27	107	344425	41.16	ng	#	62
22) Acetophenone	6.24	105	444412	40.00	ng	#	86
24) Nitrobenzene	6.44	77	314810	40.40	ng		91
25) Isophorone	6.73	82	570199	41.57	ng		95
26) 2-Nitrophenol	6.81	139	176656	42.20	ng		97
27) 2,4-Dimethylphenol	6.89	122	275625	40.53	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	366394	41.30	ng		99
29) 2,4-Dichlorophenol	7.11	162	267394	42.27	ng		97
30) 1,2,4-Trichlorobenzene	7.20	180	269583	41.22	ng		98
31) Naphthalene	7.29	128	886972	40.38	ng		100
32) Benzoic acid	7.08	122	172174m	47.88	ng		
33) 4-Chloroaniline	7.37	127	358243	39.21	ng	#	93
34) Hexachlorobutadiene	7.44	225	136829	41.97	ng		100
35) Caprolactam	7.82	113	82635m	41.58	ng		
36) 4-Chloro-3-methylphenol	7.99	107	268577	40.51	ng		93
37) 2-Methylnaphthalene	8.12	142	624209	41.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	250484	41.96	ng		99
40) Hexachlorocyclopentadiene	8.32	237	99087	41.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	177485	42.34	ng		99
43) 2,4,5-Trichlorophenol	8.54	196	178576	41.48	ng		96
45) 1,1'-Biphenyl	8.70	154	712826	41.62	ng		99
46) 2-Chloronaphthalene	8.72	162	560674	41.17	ng		95
47) 2-Nitroaniline	8.86	65	157560	40.21	ng	#	84
48) Acenaphthylene	9.22	152	883960	41.63	ng		99
49) Dimethylphthalate	9.10	163	675996	43.27	ng		99
50) 2,6-Dinitrotoluene	9.17	165	147143	41.96	ng		90
51) Acenaphthene	9.44	154	528455	41.56	ng		99
52) 3-Nitroaniline	9.37	138	156979	38.69	ng		90
53) 2,4-Dinitrophenol	9.52	184	73504	41.61	ng	#	66
54) Dibenzofuran	9.65	168	796025	43.07	ng		96
55) 4-Nitrophenol	9.64	139	97111m	33.88	ng		
56) 2,4-Dinitrotoluene	9.67	165	195808	45.50	ng	#	84
57) Fluorene	10.07	166	590032	40.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	136085	44.10	ng		96
59) Diethylphthalate	9.96	149	640922	43.48	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	259786	43.37	ng		94
61) 4-Nitroaniline	10.13	138	145716	35.33	ng		96
62) Azobenzene	10.28	77	601551	42.03	ng		92
64) 4,6-Dinitro-2-methylphenol	10.17	198	108988	43.50	ng	#	70
65) n-Nitrosodiphenylamine	10.23	169	550157	41.37	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	161871	42.63	ng		96
67) Hexachlorobenzene	10.75	284	160854	42.04	ng	#	91
68) Atrazine	10.91	200	168026	42.23	ng		97
69) Pentachlorophenol	11.01	266	71995	47.38	ng		97
70) Phenanthrene	11.25	178	884314	41.07	ng		98
71) Anthracene	11.31	178	925654	41.56	ng		98
72) Carbazole	11.52	167	846861	40.51	ng		98
73) Di-n-butylphthalate	11.97	149	1042391	45.29	ng		98
74) Fluoranthene	12.71	202	923691	41.39	ng		99
76) Benzidine	12.89	184	426527	32.98	ng		95
77) Pyrene	12.99	202	936464	41.96	ng		98
79) Butylbenzylphthalate	13.81	149	443872	45.38	ng		89
80) Benzo(a)anthracene	14.46	228	767806	41.35	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	270266	41.12	ng	#	97
82) Chrysene	14.51	228	693118	40.85	ng		98
83) Bis(2-ethylhexyl)phthalate	14.52	149	608541	46.34	ng	#	100
84) Di-n-octyl phthalate	15.28	149	1027294	46.63	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	605897	37.53	ng		100
87) Benzo(b)fluoranthene	15.70	252	706701	42.04	ng		98
88) Benzo(k)fluoranthene	15.73	252	658884	41.42	ng	#	94
89) Benzo(a)pyrene	16.04	252	647382	41.40	ng		99
90) Dibenzo(a,h)anthracene	17.40	278	499967	38.50	ng		99
91) Benzo(g,h,i)perylene	17.76	276	474596	35.90	ng		98

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

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