Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
Data File : BF096714.D
Acq On : 13 Jul 2017 2:37
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/13/2017 1:38:14 PM

Quant Time: Jul 13 03:56:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	97635	20.00	ng		-0.03
21) Naphthalene-d8	7.95	136	455213	20.00	ng		-0.04
38) Acenaphthene-d10	9.70	164	194569	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	299993	20.00	ng		-0.04
75) Chrysene-d12	13.81	240	168586	20.00	ng		-0.04
86) Perylene-d12	15.20	264	172154	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	515477	77.93	ng		-0.04
7) Phenol-d6	6.31	99	688609	84.68	ng		-0.04
23) Nitrobenzene-d5	7.23	82	548141	72.36	ng		-0.04
41) 2,4,6-Tribromophenol	10.49	330	125862	82.81	ng		-0.04
44) 2-Fluorobiphenyl	9.03	172	978404	85.98	ng		-0.04
78) Terphenyl-d14	12.76	244	676402	85.73	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	132917	42.375	ng	#	77
3) Pyridine	2.96	79	296351	34.434	ng	#	61
4) n-Nitrosodimethylamine	2.90	42	164957	38.832	ng	#	81
6) Aniline	6.33	93	423550	40.297	ng	#	62
8) 2-Chlorophenol	6.45	128	283686	40.215	ng		95
9) Benzaldehyde	6.21	77	196504	38.610	ng		98
10) Phenol	6.32	94	380749	41.097	ng		75
11) bis(2-Chloroethyl)ether	6.40	93	289412	40.422	ng		89
12) 1,3-Dichlorobenzene	6.61	146	297564	40.231	ng		99
13) 1,4-Dichlorobenzene	6.69	146	303475	41.050	ng		97
14) 1,2-Dichlorobenzene	6.84	146	283187	41.720	ng		98
15) Benzyl Alcohol	6.81	79	212370	39.067	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	550270	37.806	ng		92
17) 2-Methylphenol	6.93	107	216928	38.587	ng		97
18) Hexachloroethane	7.18	117	99613	37.166	ng	#	80
19) n-Nitroso-di-n-propylamine	7.09	70	183567	37.890	ng	#	85
20) 3+4-Methylphenols	7.09	107	263566	42.033	ng	#	87
22) Acetophenone	7.08	105	360893	36.283	ng		94
24) Nitrobenzene	7.25	77	282860	35.593	ng		93
25) Isophorone	7.49	82	554420	37.747	ng		97
26) 2-Nitrophenol	7.57	139	167172	39.743	ng		91
27) 2,4-Dimethylphenol	7.62	122	282574	39.453	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	374342	38.609	ng		99
29) 2,4-Dichlorophenol	7.81	162	245394	39.711	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	236345	40.545	ng		99
31) Naphthalene	7.97	128	853385	39.710	ng		100
32) Benzoic acid	7.74	122	185841m	30.895	ng		
33) 4-Chloroaniline	8.02	127	351630	39.392	ng		98
34) Hexachlorobutadiene	8.10	225	121890	40.769	ng		97
35) Caprolactam	8.40	113	81087m	38.053	ng		
36) 4-Chloro-3-methylphenol	8.51	107	265706	38.859	ng		90
37) 2-Methylnaphthalene	8.66	142	548093	40.066	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	220798	43.705	ng		99
40) Hexachlorocyclopentadiene	8.82	237	25884	10.537	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	157408	39.386	ng		96
43) 2,4,5-Trichlorophenol	8.99	196	158116	40.014	ng		95
45) 1,1'-Biphenyl	9.13	154	688180	41.280	ng		97
46) 2-Chloronaphthalene	9.15	162	504105	40.575	ng		93
47) 2-Nitroaniline	9.25	65	176902	39.132	ng		94
48) Acenaphthylene	9.56	152	771852	39.208	ng		99
49) Dimethylphthalate	9.43	163	608905	41.922	ng		99
50) 2,6-Dinitrotoluene	9.49	165	134462	41.863	ng	#	90
51) Acenaphthene	9.73	154	448057	36.924	ng		100
52) 3-Nitroaniline	9.66	138	156496	39.064	ng		92
53) 2,4-Dinitrophenol	9.76	184	22398	13.129	ng	#	79
54) Dibenzofuran	9.90	168	609183	38.024	ng		98
55) 4-Nitrophenol	9.82	139	105559	31.790	ng	#	67
56) 2,4-Dinitrotoluene	9.89	165	166831	41.016	ng	#	78
57) Fluorene	10.25	166	451908	39.939	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	96528	35.307	ng		99
59) Diethylphthalate	10.13	149	535819	39.029	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	195155	39.641	ng		97
61) 4-Nitroaniline	10.26	138	134784	37.001	ng		91
62) Azobenzene	10.40	77	462675	34.853	ng		92
64) 4,6-Dinitro-2-methylphenol	10.30	198	40152	19.407	ng	#	77
65) n-Nitrosodiphenylamine	10.36	169	429310	40.787	ng		97
66) 4-Bromophenyl-phenylether	10.73	248	129246	44.258	ng		96
67) Hexachlorobenzene	10.80	284	137357	42.967	ng	#	88
68) Atrazine	10.89	200	131281	43.657	ng		95
69) Pentachlorophenol	10.99	266	63710	33.626	ng		98
70) Phenanthrene	11.20	178	606342	37.389	ng		99
71) Anthracene	11.26	178	660600	39.974	ng		98
72) Carbazole	11.41	167	625094	37.612	ng		98
73) Di-n-butylphthalate	11.75	149	898395	44.630	ng		98
74) Fluoranthene	12.39	202	515833	32.443	ng		99
76) Benzidine	12.51	184	248540	30.725	ng	#	94
77) Pyrene	12.61	202	517425	38.237	ng		99
79) Butylbenzylphthalate	13.24	149	278218	40.615	ng	#	84
80) Benzo(a)anthracene	13.80	228	409396	41.935	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	164199	40.950	ng	#	96
82) Chrysene	13.83	228	415003	40.593	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	379476	49.629	ng		99
84) Di-n-octyl phthalate	14.41	149	662945	44.027	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.53	276	350829	43.474	ng		98
87) Benzo(b)fluoranthene	14.81	252	377987	35.041	ng		98
88) Benzo(k)fluoranthene	14.84	252	376242	38.992	ng	#	92
89) Benzo(a)pyrene	15.14	252	369934	38.412	ng		99
90) Dibenzo(a,h)anthracene	16.54	278	290861	38.390	ng		96
91) Benzo(g,h,i)perylene	16.93	276	248095	31.601	ng		95

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

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