Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097224.D
Acq On : 1 Aug 2017 11:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/2/2017 7:15:09 PM

Quant Time: Aug 01 14:56:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	143633	20.00	ng		-0.03
21) Naphthalene-d8	7.75	136	585479	20.00	ng		-0.04
38) Acenaphthene-d10	9.50	164	262039	20.00	ng		-0.04
63) Phenanthrene-d10	10.97	188	418764	20.00	ng		-0.03
75) Chrysene-d12	13.60	240	260322	20.00	ng		-0.03
86) Perylene-d12	14.94	264	245255	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	769959	80.81	ng		-0.02
7) Phenol-d6	6.15	99	954749	87.77	ng		-0.02
23) Nitrobenzene-d5	7.05	82	754517	75.60	ng		-0.03
41) 2,4,6-Tribromophenol	10.29	330	160153	77.36	ng		-0.03
44) 2-Fluorobiphenyl	8.83	172	1120875	72.59	ng		-0.03
78) Terphenyl-d14	12.56	244	1003522	78.60	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	170306	42.832	ng	#	75
3) Pyridine	2.59	79	489337	40.191	ng	#	63
4) n-Nitrosodimethylamine	2.56	42	279360	41.417	ng		83
6) Aniline	6.13	93	653644	47.754	ng		96
8) 2-Chlorophenol	6.26	128	412705	40.509	ng		93
9) Benzaldehyde	6.01	77	245901	38.193	ng		96
10) Phenol	6.16	94	574285	44.511	ng		95
11) bis(2-Chloroethyl)ether	6.22	93	411681	40.343	ng		88
12) 1,3-Dichlorobenzene	6.41	146	404521	36.844	ng		99
13) 1,4-Dichlorobenzene	6.49	146	406988	37.404	ng		95
14) 1,2-Dichlorobenzene	6.64	146	341474	35.943	ng		99
15) Benzyl Alcohol	6.63	79	267916	38.903	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	726323	35.487	ng		72
17) 2-Methylphenol	6.76	107	290530	36.949	ng	#	87
18) Hexachloroethane	6.97	117	154558	38.827	ng	#	79
19) n-Nitroso-di-n-propylamine	6.91	70	270136	37.730	ng	#	85
20) 3+4-Methylphenols	6.92	107	410290	39.952	ng	#	63
22) Acetophenone	6.89	105	535039	38.054	ng	#	97
24) Nitrobenzene	7.06	77	386452	37.180	ng		95
25) Isophorone	7.31	82	708696	36.260	ng		95
26) 2-Nitrophenol	7.38	139	214625	38.166	ng		91
27) 2,4-Dimethylphenol	7.44	122	331680	35.755	ng		98
28) bis(2-Chloroethoxy)methane	7.52	93	454388	35.625	ng		98
29) 2,4-Dichlorophenol	7.63	162	327463	40.977	ng		97
30) 1,2,4-Trichlorobenzene	7.70	180	300499	39.450	ng		98
31) Naphthalene	7.77	128	1039030	37.648	ng		99
32) Benzoic acid	7.62	122	270904	39.109	ng		93
33) 4-Chloroaniline	7.84	127	427445	38.063	ng		97
34) Hexachlorobutadiene	7.90	225	150741	37.329	ng		97
35) Caprolactam	8.23	113	103188m	40.268	ng		
36) 4-Chloro-3-methylphenol	8.35	107	332144	38.097	ng	#	85
37) 2-Methylnaphthalene	8.46	142	718586	41.123	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	277078	39.629	ng		99
40) Hexachlorocyclopentadiene	8.62	237	92095	41.155	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	189342	37.369	ng		98
43) 2,4,5-Trichlorophenol	8.81	196	185739	36.624	ng		96
45) 1,1'-Biphenyl	8.93	154	795670	35.550	ng		98
46) 2-Chloronaphthalene	8.95	162	624091	37.892	ng		92
47) 2-Nitroaniline	9.06	65	245942	41.146	ng		90
48) Acenaphthylene	9.36	152	948480	37.518	ng		99
49) Dimethylphthalate	9.25	163	736028	36.989	ng		99
50) 2,6-Dinitrotoluene	9.30	165	171641	40.669	ng	#	70
51) Acenaphthene	9.53	154	540228	36.278	ng		98
52) 3-Nitroaniline	9.47	138	194940	37.213	ng		94
53) 2,4-Dinitrophenol	9.59	184	72949	38.015	ng	#	74
54) Dibenzofuran	9.70	168	731642	36.887	ng		97
55) 4-Nitrophenol	9.67	139	117542	37.731	ng	#	62
56) 2,4-Dinitrotoluene	9.71	165	190899	39.347	ng	#	61
57) Fluorene	10.05	166	578721	38.820	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.84	232	131491	37.551	ng	#	98
59) Diethylphthalate	9.94	149	694230	38.028	ng		99
60) 4-Chlorophenyl-phenylether	10.04	204	239430	38.893	ng		98
61) 4-Nitroaniline	10.09	138	182956	36.756	ng		94
62) Azobenzene	10.20	77	722376	42.654	ng		93
64) 4,6-Dinitro-2-methylphenol	10.13	198	110584	42.497	ng		86
65) n-Nitrosodiphenylamine	10.17	169	597196	40.987	ng		97
66) 4-Bromophenyl-phenylether	10.53	248	166468	39.833	ng		99
67) Hexachlorobenzene	10.60	284	179033	38.202	ng	#	94
68) Atrazine	10.70	200	158021	37.821	ng		95
69) Pentachlorophenol	10.80	266	65048	33.546	ng		94
70) Phenanthrene	11.00	178	846473	37.726	ng		100
71) Anthracene	11.05	178	897919	39.072	ng		99
72) Carbazole	11.22	167	852113	37.702	ng		98
73) Di-n-butylphthalate	11.55	149	1060646	37.965	ng		99
74) Fluoranthene	12.18	202	808605	36.786	ng		98
76) Benzidine	12.30	184	336427	34.830	ng	#	94
77) Pyrene	12.40	202	863094	40.499	ng		99
79) Butylbenzylphthalate	13.03	149	476435	43.949	ng	#	78
80) Benzo(a)anthracene	13.59	228	674261	40.030	ng		100
81) 3,3'-Dichlorobenzidine	13.56	252	263530	41.488	ng	#	97
82) Chrysene	13.63	228	665011	40.432	ng		99
83) Bis(2-ethylhexyl)phthalate	13.60	149	548218	38.732	ng		100
84) Di-n-octyl phthalate	14.21	149	957159	36.849	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.16	276	458138	32.484	ng		99
87) Benzo(b)fluoranthene	14.59	252	572418m	38.827	ng		
88) Benzo(k)fluoranthene	14.62	252	551961m	39.289	ng		
89) Benzo(a)pyrene	14.89	252	516897	38.309	ng		98
90) Dibenzo(a,h)anthracene	16.17	278	370640	33.497	ng		97
91) Benzo(g,h,i)perylene	16.52	276	394822	34.026	ng		99

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

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