Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104660.D
Acq On : 20 Apr 2018 6:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:51 PM

Quant Time: Apr 20 08:13:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115468	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	453872	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	181534	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	276663	20.00	ng		0.00
75) Chrysene-d12	13.98	240	239635	20.00	ng		0.00
86) Perylene-d12	15.44	264	209177	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	598047	79.19	ng		0.00
7) Phenol-d6	6.45	99	707905	76.30	ng		0.00
23) Nitrobenzene-d5	7.37	82	619099	89.07	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	138166	73.37	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1017469	88.54	ng		0.00
78) Terphenyl-d14	12.92	244	766745	72.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	144755	41.139	ng	#	89
3) Pyridine	3.22	79	395176	39.945	ng		88
4) n-Nitrosodimethylamine	3.19	42	123492	35.709	ng	#	74
6) Aniline	6.47	93	470133	36.470	ng		98
8) 2-Chlorophenol	6.59	128	320171	40.170	ng		93
9) Benzaldehyde	6.36	77	179921	37.573	ng		95
10) Phenol	6.46	94	393018	39.922	ng		90
11) bis(2-Chloroethyl)ether	6.55	93	306864	39.060	ng		93
12) 1,3-Dichlorobenzene	6.75	146	362046	40.095	ng		99
13) 1,4-Dichlorobenzene	6.82	146	364777	40.526	ng		100
14) 1,2-Dichlorobenzene	6.97	146	340239	40.790	ng		100
15) Benzyl Alcohol	6.95	79	261505	37.108	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	388670	36.839	ng		90
17) 2-Methylphenol	7.06	107	273000	39.403	ng		97
18) Hexachloroethane	7.32	117	111365	34.701	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	205962	33.970	ng		92
20) 3+4-Methylphenols	7.22	107	312844	36.408	ng	#	64
22) Acetophenone	7.22	105	427669	38.273	ng		97
24) Nitrobenzene	7.39	77	332936	43.384	ng		96
25) Isophorone	7.63	82	541518	36.842	ng		99
26) 2-Nitrophenol	7.70	139	158709	50.801	ng		96
27) 2,4-Dimethylphenol	7.75	122	242266	37.347	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	353184	39.301	ng		99
29) 2,4-Dichlorophenol	7.95	162	244930	39.572	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	272633	40.136	ng		99
31) Naphthalene	8.11	128	878139	38.855	ng		100
32) Benzoic acid	7.86	122	181678m	35.101	ng		
33) 4-Chloroaniline	8.16	127	372536	38.476	ng		97
34) Hexachlorobutadiene	8.22	225	150959	40.574	ng		99
35) Caprolactam	8.53	113	77904	36.080	ng	#	82
36) 4-Chloro-3-methylphenol	8.65	107	246451	37.135	ng		98
37) 2-Methylnaphthalene	8.80	142	551718	37.740	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	237181	45.642	ng		98
40) Hexachlorocyclopentadiene	8.95	237	13809	4.747	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	155073	42.988	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	172151	42.646	ng		95
45) 1,1'-Biphenyl	9.26	154	665614	43.647	ng		99
46) 2-Chloronaphthalene	9.29	162	513851	42.659	ng		99
47) 2-Nitroaniline	9.39	65	152342	51.141	ng		92
48) Acenaphthylene	9.70	152	765536	40.506	ng		100
49) Dimethylphthalate	9.56	163	616339	43.054	ng		100
50) 2,6-Dinitrotoluene	9.63	165	125614	47.421	ng	#	85
51) Acenaphthene	9.88	154	439173	38.086	ng		99
52) 3-Nitroaniline	9.80	138	146929	47.380	ng		94
53) 2,4-Dinitrophenol	9.91	184	8327	15.781	ng	#	18
54) Dibenzofuran	10.05	168	629260	39.158	ng		99
55) 4-Nitrophenol	9.97	139	85020	34.902	ng		90
56) 2,4-Dinitrotoluene	10.03	165	151709	43.662	ng		97
57) Fluorene	10.39	166	474788	40.591	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	112653	37.406	ng		93
59) Diethylphthalate	10.26	149	573217	40.206	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	225136	43.220	ng		97
61) 4-Nitroaniline	10.42	138	135071	44.546	ng		95
62) Azobenzene	10.55	77	496301	36.436	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	21222	20.687	ng		95
65) n-Nitrosodiphenylamine	10.50	169	433210	45.161	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	132200	44.923	ng		91
67) Hexachlorobenzene	10.94	284	143237	43.257	ng		93
68) Atrazine	11.03	200	124174	42.885	ng		98
69) Pentachlorophenol	11.13	266	68566	33.471	ng		95
70) Phenanthrene	11.36	178	623403	40.462	ng		99
71) Anthracene	11.41	178	633991	40.481	ng		99
72) Carbazole	11.56	167	589043	38.489	ng		100
73) Di-n-butylphthalate	11.89	149	786676	42.080	ng		98
74) Fluoranthene	12.54	202	610206	37.907	ng		99
76) Benzidine	12.67	184	311830	37.785	ng		99
77) Pyrene	12.77	202	638080	35.923	ng		99
79) Butylbenzylphthalate	13.39	149	299543	35.795	ng		96
80) Benzo(a)anthracene	13.97	228	605205	42.275	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	220281	41.268	ng		96
82) Chrysene	14.00	228	584206	39.729	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	424744	39.461	ng		100
84) Di-n-octyl phthalate	14.57	149	710658	39.514	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	450590	36.072	ng		98
87) Benzo(b)fluoranthene	15.02	252	563186	42.629	ng		96
88) Benzo(k)fluoranthene	15.04	252	510867	40.959	ng		99
89) Benzo(a)pyrene	15.38	252	481260	40.713	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	381610	39.307	ng		98
91) Benzo(g,h,i)perylene	17.33	276	348811	37.085	ng		98

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

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