Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103891.D
Acq On : 23 Mar 2018 20:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Sohil

3/26/2018 4:33:22 PM

Quant Time: Mar 24 01:20:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	122758	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	454123	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	171791	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	273681	20.00	ng		0.00
75) Chrysene-d12	14.17	240	221912	20.00	ng		0.00
86) Perylene-d12	15.70	264	165085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	629263	77.97	ng		0.00
7) Phenol-d6	6.60	99	747278	75.68	ng		0.00
23) Nitrobenzene-d5	7.54	82	619249	95.09	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	128687	87.12	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	997561	92.63	ng		0.00
78) Terphenyl-d14	13.10	244	828444	86.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	152575	38.392	ng		89
3) Pyridine	3.60	79	409618	37.473	ng		87
4) n-Nitrosodimethylamine	3.56	42	127464	31.626	ng	#	72
6) Aniline	6.64	93	524932	37.230	ng		97
8) 2-Chlorophenol	6.76	128	329481	38.970	ng		94
9) Benzaldehyde	6.53	77	222417	34.287	ng		95
10) Phenol	6.62	94	392072m	37.367	ng		
11) bis(2-Chloroethyl)ether	6.71	93	323253	37.320	ng		95
12) 1,3-Dichlorobenzene	6.92	146	373244	38.761	ng		97
13) 1,4-Dichlorobenzene	7.00	146	376863	38.947	ng		98
14) 1,2-Dichlorobenzene	7.15	146	348054	38.763	ng		98
15) Benzyl Alcohol	7.11	79	258640	33.806	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.25	45	415877	33.757	ng		93
17) 2-Methylphenol	7.22	107	277926	36.914	ng		98
18) Hexachloroethane	7.49	117	81733	24.013	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	213054	33.668	ng		95
20) 3+4-Methylphenols	7.37	107	352484	36.890	ng		92
22) Acetophenone	7.39	105	453067	38.819	ng		94
24) Nitrobenzene	7.56	77	324482	42.443	ng		91
25) Isophorone	7.79	82	548981	36.417	ng		99
26) 2-Nitrophenol	7.87	139	101522	37.480	ng		90
27) 2,4-Dimethylphenol	7.90	122	252519	39.101	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	363771	39.850	ng		100
29) 2,4-Dichlorophenol	8.12	162	236340	40.225	ng		96
30) 1,2,4-Trichlorobenzene	8.20	180	272256	39.951	ng		99
31) Naphthalene	8.28	128	874502	38.121	ng		99
32) Benzoic acid	7.99	122	129839m	32.519	ng		
33) 4-Chloroaniline	8.33	127	373498	38.809	ng		97
34) Hexachlorobutadiene	8.39	225	152665	40.860	ng		98
35) Caprolactam	8.69	113	75136	37.137	ng	#	84
36) 4-Chloro-3-methylphenol	8.80	107	235434	36.348	ng		98
37) 2-Methylnaphthalene	8.97	142	534764	36.760	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	228777	46.680	ng		98
42) 2,4,6-Trichlorophenol	9.25	196	142836	45.564	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	155206	43.866	ng		94
45) 1,1'-Biphenyl	9.43	154	638840	44.597	ng		99
46) 2-Chloronaphthalene	9.46	162	485670	42.686	ng		99
47) 2-Nitroaniline	9.56	65	151427	50.468	ng		98
48) Acenaphthylene	9.88	152	698346	39.582	ng		100
49) Dimethylphthalate	9.73	163	591210	45.107	ng		100
50) 2,6-Dinitrotoluene	9.80	165	92218	37.337	ng	#	87
51) Acenaphthene	10.05	154	406619	38.814	ng		99
52) 3-Nitroaniline	9.97	138	155786	51.008	ng		97
53) 2,4-Dinitrophenol	10.08	184	293	7.184	ng	#	51
54) Dibenzofuran	10.23	168	581799	38.885	ng		98
55) 4-Nitrophenol	10.12	139	76055	34.695	ng		91
56) 2,4-Dinitrotoluene	10.20	165	103023	34.135	ng	#	83
57) Fluorene	10.57	166	447144	38.513	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	101545	40.503	ng		93
59) Diethylphthalate	10.43	149	537912	41.350	ng		99
60) 4-Chlorophenyl-phenylether	10.56	204	219357	41.341	ng		95
61) 4-Nitroaniline	10.59	138	149968	51.023	ng		91
62) Azobenzene	10.72	77	442648	33.469	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	1222	9.448	ng	#	78
65) n-Nitrosodiphenylamine	10.67	169	403569	43.322	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	122962	43.759	ng	#	87
67) Hexachlorobenzene	11.12	284	135260	42.175	ng	#	89
68) Atrazine	11.20	200	115166	39.965	ng		99
69) Pentachlorophenol	11.32	266	70158	38.050	ng		98
70) Phenanthrene	11.54	178	604087	40.351	ng		99
71) Anthracene	11.59	178	623267	40.990	ng		99
72) Carbazole	11.75	167	602636	40.777	ng		99
73) Di-n-butylphthalate	12.06	149	763731	43.068	ng		99
74) Fluoranthene	12.73	202	651936	42.269	ng		98
76) Benzidine	12.85	184	408607	43.172	ng		98
77) Pyrene	12.96	202	680233	41.740	ng		99
79) Butylbenzylphthalate	13.57	149	327905	45.413	ng		96
80) Benzo(a)anthracene	14.16	228	557985	39.723	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	218343	46.469	ng		99
82) Chrysene	14.19	228	532687	39.782	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	461444	44.735	ng		100
84) Di-n-octyl phthalate	14.74	149	711596	47.419	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	399887	34.197	ng		98
87) Benzo(b)fluoranthene	15.24	252	429677	41.198	ng		97
88) Benzo(k)fluoranthene	15.28	252	404691	40.365	ng		98
89) Benzo(a)pyrene	15.64	252	375828	39.729	ng		98
90) Dibenzo(a,h)anthracene	17.31	278	337875	41.248	ng		97
91) Benzo(g,h,i)perylene	17.77	276	323059	40.541	ng		96

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

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