Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097585.D
Acq On : 11 Aug 2017 4:22
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/14/2017 6:36:07 PM

Quant Time: Aug 11 07:56:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	123084	20.00	ng		-0.02
21) Naphthalene-d8	7.67	136	499442	20.00	ng		-0.02
38) Acenaphthene-d10	9.42	164	177580	20.00	ng		-0.02
63) Phenanthrene-d10	10.89	188	262573	20.00	ng		-0.02
75) Chrysene-d12	13.52	240	204267	20.00	ng		-0.02
86) Perylene-d12	14.86	264	216308	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.98	112	700358	85.78	ng		-0.02
7) Phenol-d6	6.07	99	769074	82.51	ng		-0.01
23) Nitrobenzene-d5	6.97	82	720229	84.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.21	330	105884	75.47	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	891686	85.22	ng		-0.02
78) Terphenyl-d14	12.47	244	650354	64.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.83	88	138559	40.666	ng	#	69
3) Pyridine	2.43	79	434244	41.621	ng	#	62
4) n-Nitrosodimethylamine	2.40	42	242121	41.889	ng		79
6) Aniline	6.06	93	523380	44.620	ng		97
8) 2-Chlorophenol	6.19	128	373078	42.733	ng		93
9) Benzaldehyde	5.94	77	292257	52.972	ng		97
10) Phenol	6.09	94	479719	43.389	ng		97
11) bis(2-Chloroethyl)ether	6.15	93	363545	41.574	ng		92
12) 1,3-Dichlorobenzene	6.33	146	376947	40.064	ng		96
13) 1,4-Dichlorobenzene	6.41	146	393803	42.235	ng		95
14) 1,2-Dichlorobenzene	6.56	146	327283	40.201	ng		99
15) Benzyl Alcohol	6.57	79	285024	48.297	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.68	45	734802	41.895	ng		91
17) 2-Methylphenol	6.69	107	287482	42.665	ng	#	89
18) Hexachloroethane	6.90	117	137609	40.341	ng	#	83
19) n-Nitroso-di-n-propylamine	6.83	70	276766	45.109	ng	#	80
20) 3+4-Methylphenols	6.85	107	407565	46.312	ng	#	62
22) Acetophenone	6.82	105	521362	43.469	ng	#	99
24) Nitrobenzene	6.99	77	395704	44.628	ng		97
25) Isophorone	7.23	82	587560	35.241	ng		97
26) 2-Nitrophenol	7.31	139	195123	40.675	ng	#	88
27) 2,4-Dimethylphenol	7.37	122	313125	39.570	ng		99
28) bis(2-Chloroethoxy)methane	7.45	93	430895	39.603	ng		99
29) 2,4-Dichlorophenol	7.56	162	293008	42.982	ng		95
30) 1,2,4-Trichlorobenzene	7.63	180	253846	39.066	ng		98
31) Naphthalene	7.70	128	930453	39.521	ng		99
32) Benzoic acid	7.55	122	189196m	32.019	ng		
33) 4-Chloroaniline	7.77	127	407225	42.510	ng		97
34) Hexachlorobutadiene	7.82	225	140172	40.691	ng		97
35) Caprolactam	8.15	113	75167m	34.387	ng		
36) 4-Chloro-3-methylphenol	8.28	107	275341	37.022	ng		90
37) 2-Methylnaphthalene	8.39	142	529405	35.515	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	213246	45.005	ng		100
40) Hexachlorocyclopentadiene	8.54	237	11430	12.921	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	143941	41.920	ng		98
43) 2,4,5-Trichlorophenol	8.74	196	129188	37.589	ng		97
45) 1,1'-Biphenyl	8.86	154	648626	42.763	ng		98
46) 2-Chloronaphthalene	8.87	162	479703	42.977	ng	#	93
47) 2-Nitroaniline	8.99	65	179229	44.246	ng		95
48) Acenaphthylene	9.28	152	725603	42.353	ng		100
49) Dimethylphthalate	9.17	163	564041	41.827	ng		99
50) 2,6-Dinitrotoluene	9.23	165	117725	41.161	ng	#	64
51) Acenaphthene	9.46	154	420722	41.690	ng		98
52) 3-Nitroaniline	9.40	138	136914	38.566	ng		94
53) 2,4-Dinitrophenol	9.57	184	3531	2.715	ng	#	77
54) Dibenzofuran	9.63	168	544065	40.475	ng		93
55) 4-Nitrophenol	9.62	139	69961m	33.138	ng		
56) 2,4-Dinitrotoluene	9.65	165	140355	42.688	ng	#	78
57) Fluorene	9.97	166	456096	45.145	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.76	232	83835	35.328	ng		98
59) Diethylphthalate	9.86	149	597579	48.302	ng		99
60) 4-Chlorophenyl-phenylether	9.96	204	194872	46.711	ng		97
61) 4-Nitroaniline	10.02	138	141498	41.947	ng		93
62) Azobenzene	10.12	77	548576	47.797	ng		93
64) 4,6-Dinitro-2-methylphenol	10.06	198	21265	13.033	ng		90
65) n-Nitrosodiphenylamine	10.09	169	448075	49.045	ng		99
66) 4-Bromophenyl-phenylether	10.45	248	121118	46.221	ng		92
67) Hexachlorobenzene	10.52	284	124477	42.361	ng	#	85
68) Atrazine	10.63	200	105726	40.357	ng		97
69) Pentachlorophenol	10.73	266	109632m	90.171	ng		
70) Phenanthrene	10.92	178	575970	40.940	ng		99
71) Anthracene	10.97	178	581834	40.379	ng		99
72) Carbazole	11.13	167	564674	39.846	ng		99
73) Di-n-butylphthalate	11.47	149	773264	44.143	ng		98
74) Fluoranthene	12.10	202	533747	38.726	ng		98
76) Benzidine	12.23	184	226263	29.853	ng	#	94
77) Pyrene	12.32	202	565892	33.840	ng		98
79) Butylbenzylphthalate	12.96	149	305194	35.878	ng	#	81
80) Benzo(a)anthracene	13.51	228	517259	39.136	ng		98
81) 3,3'-Dichlorobenzidine	13.48	252	209699	42.073	ng		98
82) Chrysene	13.55	228	537822	41.673	ng		100
83) Bis(2-ethylhexyl)phthalate	13.52	149	368905	33.215	ng		99
84) Di-n-octyl phthalate	14.13	149	778651	38.203	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.05	276	375741	33.953	ng		96
87) Benzo(b)fluoranthene	14.52	252	543389	41.790	ng		98
88) Benzo(k)fluoranthene	14.54	252	464571	37.494	ng		96
89) Benzo(a)pyrene	14.81	252	469414	39.445	ng		97
90) Dibenzo(a,h)anthracene	16.04	278	315886	32.369	ng	#	94
91) Benzo(g,h,i)perylene	16.39	276	314969	30.777	ng		98

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

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