Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097560.D
Acq On : 10 Aug 2017 16:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/14/2017 6:32:55 PM

Quant Time: Aug 11 01:22:39 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	94193	20.00	ng		-0.02
21) Naphthalene-d8	7.67	136	400981	20.00	ng		-0.02
38) Acenaphthene-d10	9.42	164	179880	20.00	ng		-0.02
63) Phenanthrene-d10	10.89	188	298683	20.00	ng		-0.02
75) Chrysene-d12	13.52	240	177838	20.00	ng		-0.02
86) Perylene-d12	14.86	264	155975	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.98	112	562538	90.03	ng		-0.02
7) Phenol-d6	6.07	99	604585	84.76	ng		-0.02
23) Nitrobenzene-d5	6.97	82	542928	79.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.21	330	115253	81.09	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	793335	74.85	ng		-0.02
78) Terphenyl-d14	12.48	244	768638	88.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	115812	44.415	ng	#	74
3) Pyridine	2.45	79	304357	38.119	ng	#	57
4) n-Nitrosodimethylamine	2.42	42	179404	40.558	ng	#	79
6) Aniline	6.06	93	399086	44.460	ng		96
8) 2-Chlorophenol	6.19	128	288740	43.217	ng		96
9) Benzaldehyde	5.94	77	206498	48.908	ng		99
10) Phenol	6.08	94	396479	46.859	ng		98
11) bis(2-Chloroethyl)ether	6.14	93	271598	40.586	ng		90
12) 1,3-Dichlorobenzene	6.33	146	297490	41.317	ng		98
13) 1,4-Dichlorobenzene	6.41	146	305043	42.750	ng		96
14) 1,2-Dichlorobenzene	6.56	146	264523	42.458	ng		96
15) Benzyl Alcohol	6.56	79	217828	48.232	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.68	45	546955	40.750	ng		92
17) 2-Methylphenol	6.69	107	216946	42.072	ng	#	87
18) Hexachloroethane	6.89	117	109198	41.831	ng	#	78
19) n-Nitroso-di-n-propylamine	6.83	70	195583	41.655	ng	#	83
20) 3+4-Methylphenols	6.85	107	306166	45.461	ng	#	60
22) Acetophenone	6.82	105	382477	39.720	ng		98
24) Nitrobenzene	6.99	77	294762	41.407	ng	#	96
25) Isophorone	7.23	82	487901	36.449	ng		96
26) 2-Nitrophenol	7.30	139	160090	41.567	ng	#	83
27) 2,4-Dimethylphenol	7.36	122	246571	38.811	ng		97
28) bis(2-Chloroethoxy)methane	7.45	93	340464	38.975	ng		99
29) 2,4-Dichlorophenol	7.56	162	232812	42.537	ng		96
30) 1,2,4-Trichlorobenzene	7.63	180	201055	38.540	ng		98
31) Naphthalene	7.70	128	768959	40.682	ng		100
32) Benzoic acid	7.55	122	187698	39.565	ng		97
33) 4-Chloroaniline	7.76	127	296383	38.536	ng		98
34) Hexachlorobutadiene	7.82	225	103894	37.565	ng		96
35) Caprolactam	8.15	113	72805m	41.484	ng		
36) 4-Chloro-3-methylphenol	8.27	107	246403	41.266	ng		87
37) 2-Methylnaphthalene	8.39	142	486580	40.658	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	193507	40.317	ng		100
40) Hexachlorocyclopentadiene	8.54	237	76752	48.553	ng		99

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	123238	35.432	ng		100
43) 2,4,5-Trichlorophenol	8.73	196	117394	33.721	ng		99
45) 1,1'-Biphenyl	8.85	154	581588	37.853	ng		98
46) 2-Chloronaphthalene	8.87	162	427368	37.799	ng		93
47) 2-Nitroaniline	8.99	65	188253	45.879	ng		95
48) Acenaphthylene	9.28	152	715118	41.207	ng		98
49) Dimethylphthalate	9.17	163	541539	39.645	ng		98
50) 2,6-Dinitrotoluene	9.23	165	116943	40.365	ng	#	71
51) Acenaphthene	9.45	154	422667	41.347	ng		99
52) 3-Nitroaniline	9.40	138	154596	42.990	ng		91
53) 2,4-Dinitrophenol	9.54	184	45091	34.231	ng	#	72
54) Dibenzofuran	9.63	168	587984	43.184	ng		94
55) 4-Nitrophenol	9.62	139	105427m	49.299	ng		
56) 2,4-Dinitrotoluene	9.65	165	163849	49.196	ng	#	79
57) Fluorene	9.97	166	441302	43.123	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.76	232	100466	41.795	ng		96
59) Diethylphthalate	9.86	149	535019	42.692	ng		99
60) 4-Chlorophenyl-phenylether	9.96	204	180527	42.719	ng		98
61) 4-Nitroaniline	10.02	138	145724	42.648	ng		92
62) Azobenzene	10.12	77	510258	43.890	ng		92
64) 4,6-Dinitro-2-methylphenol	10.06	198	83584	45.035	ng		88
65) n-Nitrosodiphenylamine	10.09	169	424568	40.854	ng		98
66) 4-Bromophenyl-phenylether	10.45	248	119743	40.172	ng		94
67) Hexachlorobenzene	10.52	284	133687	39.995	ng	#	83
68) Atrazine	10.63	200	113470	38.077	ng		93
69) Pentachlorophenol	10.73	266	129711m	93.788	ng		
70) Phenanthrene	10.92	178	645714	40.348	ng		99
71) Anthracene	10.97	178	675244	41.196	ng		98
72) Carbazole	11.13	167	674988	41.872	ng		99
73) Di-n-butylphthalate	11.47	149	815905	40.946	ng		99
74) Fluoranthene	12.10	202	643626	41.053	ng		97
76) Benzidine	12.23	184	252776	38.307	ng	#	94
77) Pyrene	12.32	202	655948	45.054	ng		99
79) Butylbenzylphthalate	12.96	149	320246	43.243	ng	#	80
80) Benzo(a)anthracene	13.51	228	459776	39.957	ng		98
81) 3,3'-Dichlorobenzidine	13.48	252	176924	40.773	ng	#	97
82) Chrysene	13.54	228	469881	41.819	ng		100
83) Bis(2-ethylhexyl)phthalate	13.52	149	366863	37.941	ng		99
84) Di-n-octyl phthalate	14.13	149	614582	34.635	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.04	276	358427	37.202	ng		98
87) Benzo(b)fluoranthene	14.52	252	354173	37.774	ng		98
88) Benzo(k)fluoranthene	14.54	252	383416m	42.914	ng		
89) Benzo(a)pyrene	14.81	252	343589	40.040	ng		99
90) Dibenzo(a,h)anthracene	16.04	278	285454	40.565	ng		95
91) Benzo(g,h,i)perylene	16.39	276	302402	40.979	ng		97

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

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