Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097001.D
Acq On : 24 Jul 2017 22:42
Operator : SJ/JU
Sample : I4360-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Manual Integrations APPROVED

Sohil

7/25/2017 5:36:24 PM

Quant Time: Jul 25 03:09:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:37:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	115711	20.00	ng		-0.02
21) Naphthalene-d8	7.80	136	444924	20.00	ng		-0.03
38) Acenaphthene-d10	9.55	164	221230	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	401463	20.00	ng		-0.04
75) Chrysene-d12	13.65	240	220156	20.00	ng		-0.04
86) Perylene-d12	14.99	264	185659	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	920597	119.63	ng		-0.02
7) Phenol-d6	6.19	99	1074603	116.36	ng		-0.03
23) Nitrobenzene-d5	7.09	82	614638	85.57	ng		-0.03
41) 2,4,6-Tribromophenol	10.33	330	209917	111.16	ng		-0.03
44) 2-Fluorobiphenyl	8.87	172	1091841	77.97	ng		-0.04
78) Terphenyl-d14	12.60	244	809978	63.81	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	107597	27.172	ng	#	76
3) Pyridine	2.80	79	23491	2.823	ng	#	83
4) n-Nitrosodimethylamine	2.66	42	221603	47.617	ng		84
6) Aniline	6.17	93	237762	20.901	ng	#	81
8) 2-Chlorophenol	6.30	128	331014	39.871	ng		91
9) Benzaldehyde	6.06	77	124417	23.309	ng		98
10) Phenol	6.20	94	430640	41.250	ng		93
11) bis(2-Chloroethyl)ether	6.26	93	337950	43.047	ng		93
12) 1,3-Dichlorobenzene	6.46	146	342228	38.780	ng		99
13) 1,4-Dichlorobenzene	6.53	146	339553	37.994	ng		97
14) 1,2-Dichlorobenzene	6.69	146	298695	36.746	ng		97
15) Benzyl Alcohol	6.67	79	232361	38.431	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	588640	36.332	ng		65
17) 2-Methylphenol	6.80	107	239132	37.040	ng	#	90
18) Hexachloroethane	7.02	117	115858	36.560	ng	#	78
19) n-Nitroso-di-n-propylamine	6.95	70	212162	38.133	ng	#	85
20) 3+4-Methylphenols	6.96	107	326334	41.655	ng	#	64
22) Acetophenone	6.93	105	425747	42.814	ng		96
24) Nitrobenzene	7.10	77	309786	41.700	ng		93
25) Isophorone	7.35	82	570262	42.676	ng		97
26) 2-Nitrophenol	7.42	139	170972	41.390	ng		91
27) 2,4-Dimethylphenol	7.48	122	281450	41.416	ng		94
28) bis(2-Chloroethoxy)methane	7.56	93	381367	42.236	ng		99
29) 2,4-Dichlorophenol	7.67	162	257783	41.906	ng		95
30) 1,2,4-Trichlorobenzene	7.75	180	234919	40.166	ng		99
31) Naphthalene	7.82	128	877637	41.640	ng		99
32) Benzoic acid	7.62	122	136989	31.539	ng		93
33) 4-Chloroaniline	7.87	127	290601	34.800	ng		98
34) Hexachlorobutadiene	7.95	225	120548	38.609	ng		98
35) Caprolactam	8.25	113	87155m	44.218	ng		
36) 4-Chloro-3-methylphenol	8.38	107	300195	45.386	ng		88
37) 2-Methylnaphthalene	8.51	142	611755	45.527	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	216491	36.200	ng		99
40) Hexachlorocyclopentadiene	8.67	237	170793	76.187	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097001.D
Acq On : 24 Jul 2017 22:42
Operator : SJ/JU
Sample : I4360-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Manual Integrations APPROVED

Sohil

7/25/2017 5:36:24 PM

Quant Time: Jul 25 03:09:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:37:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	170252	38.594	ng		99
43) 2,4,5-Trichlorophenol	8.85	196	177529	39.903	ng		98
45) 1,1'-Biphenyl	8.97	154	716880	37.783	ng		97
46) 2-Chloronaphthalene	9.00	162	558752	39.993	ng		94
47) 2-Nitroaniline	9.10	65	228549	47.590	ng		98
48) Acenaphthylene	9.41	152	892466	40.091	ng		99
49) Dimethylphthalate	9.29	163	828750	49.751	ng		100
50) 2,6-Dinitrotoluene	9.35	165	157406	43.626	ng	#	79
51) Acenaphthene	9.58	154	513612	39.057	ng		100
52) 3-Nitroaniline	9.51	138	164586	38.506	ng		98
53) 2,4-Dinitrophenol	9.63	184	119690	68.092	ng	#	77
54) Dibenzofuran	9.75	168	735792	39.928	ng		98
55) 4-Nitrophenol	9.70	139	233245	74.693	ng	#	63
56) 2,4-Dinitrotoluene	9.75	165	180615	38.956	ng	#	59
57) Fluorene	10.09	166	549198	40.330	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	142173	46.078	ng		98
59) Diethylphthalate	9.99	149	697311	43.000	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	227428	38.876	ng		95
61) 4-Nitroaniline	10.12	138	194776	48.526	ng		90
62) Azobenzene	10.25	77	637315	44.549	ng		94
64) 4,6-Dinitro-2-methylphenol	10.16	198	98200	38.959	ng		90
65) n-Nitrosodiphenylamine	10.21	169	514094	35.824	ng		98
66) 4-Bromophenyl-phenylether	10.57	248	147201	35.913	ng		99
67) Hexachlorobenzene	10.64	284	159077	34.846	ng	#	88
68) Atrazine	10.75	200	164617	40.263	ng		95
69) Pentachlorophenol	10.84	266	132074	59.888	ng		98
70) Phenanthrene	11.05	178	883654	40.481	ng		99
71) Anthracene	11.10	178	891327	40.385	ng		98
72) Carbazole	11.26	167	863760	40.414	ng		99
73) Di-n-butylphthalate	11.60	149	958424	36.007	ng		99
74) Fluoranthene	12.23	202	791414	37.877	ng		98
77) Pyrene	12.45	202	815203	40.800	ng		99
79) Butylbenzylphthalate	13.08	149	393369	41.436	ng	#	78
80) Benzo(a)anthracene	13.63	228	584825	42.634	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	148827	30.171	ng	#	96
82) Chrysene	13.67	228	554145	41.035	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	491983	42.555	ng		98
84) Di-n-octyl phthalate	14.26	149	803043	42.021	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.23	276	462887	37.193	ng		98
87) Benzo(b)fluoranthene	14.63	252	473778	42.312	ng		97
88) Benzo(k)fluoranthene	14.66	252	427436	40.312	ng		96
89) Benzo(a)pyrene	14.94	252	427152	41.592	ng		99
90) Dibenzo(a,h)anthracene	16.24	278	379504	40.159	ng		95
91) Benzo(g,h,i)perylene	16.60	276	405669	40.088	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097001.D
Acq On : 24 Jul 2017 22:42
Operator : SJ/JU
Sample : I4360-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 25 03:09:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:37:00 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Manual Integrations APPROVED

Sohil

7/25/2017 5:36:24 PM