Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097707.D
Acq On : 15 Aug 2017 22:50
Operator : SJ/JU
Sample : I4751-16MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMS

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:32 PM

Quant Time: Aug 16 05:19:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134377	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	546839	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	244304	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	424084	20.00	ng		0.00
75) Chrysene-d12	13.94	240	283344	20.00	ng		0.00
86) Perylene-d12	15.37	264	276666	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	841988	95.31	ng		0.00
7) Phenol-d6	6.42	99	1127121	93.90	ng		0.00
23) Nitrobenzene-d5	7.35	82	679225	67.48	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	196134	92.53	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	962811	57.90	ng		0.00
78) Terphenyl-d14	12.89	244	664743	48.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	126928	25.763	ng		91
3) Pyridine	3.25	79	357902	26.277	ng		89
4) n-Nitrosodimethylamine	3.19	42	151138	28.839	ng		82
6) Aniline	6.45	93	417154	24.739	ng		97
8) 2-Chlorophenol	6.57	128	281663	30.232	ng		95
9) Benzaldehyde	6.33	77	136316	17.929	ng		84
10) Phenol	6.43	94	452483	32.232	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	319453	30.149	ng		98
12) 1,3-Dichlorobenzene	6.73	146	287366	28.675	ng	#	95
13) 1,4-Dichlorobenzene	6.80	146	284828	27.945	ng	#	94
14) 1,2-Dichlorobenzene	6.96	146	269590	28.686	ng		100
15) Benzyl Alcohol	6.93	79	297062	33.056	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	431199	30.246	ng		93
17) 2-Methylphenol	7.04	107	258509	31.486	ng		96
18) Hexachloroethane	7.30	117	111343	27.863	ng	#	79
19) n-Nitroso-di-n-propylamine	7.20	70	240142	29.225	ng		92
20) 3+4-Methylphenols	7.19	107	318815	31.792	ng		90
22) Acetophenone	7.20	105	426540	29.526	ng	#	83
24) Nitrobenzene	7.37	77	360152	32.133	ng		94
25) Isophorone	7.61	82	650904	31.097	ng		97
26) 2-Nitrophenol	7.68	139	124928	32.654	ng	#	67
27) 2,4-Dimethylphenol	7.72	122	248717	28.492	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	409617	29.767	ng		97
29) 2,4-Dichlorophenol	7.92	162	219628	30.309	ng		93
30) 1,2,4-Trichlorobenzene	8.01	180	220114	27.401	ng		99
31) Naphthalene	8.09	128	798911	28.141	ng		100
32) Benzoic acid	7.79	122	37204	11.473	ng	#	82
33) 4-Chloroaniline	8.14	127	250751	20.943	ng		99
34) Hexachlorobutadiene	8.21	225	127463	27.177	ng		96
35) Caprolactam	8.49	113	78698m	31.946	ng		
36) 4-Chloro-3-methylphenol	8.62	107	270815	29.088	ng	#	79
37) 2-Methylnaphthalene	8.78	142	505098	29.020	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	206642	27.561	ng		98
40) Hexachlorocyclopentadiene	8.93	237	101126	28.076	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097707.D
Acq On : 15 Aug 2017 22:50
Operator : SJ/JU
Sample : I4751-16MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMS

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:32 PM

Quant Time: Aug 16 05:19:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	145035	28.813	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	154394	30.917	ng		97
45) 1,1'-Biphenyl	9.25	154	604460	27.132	ng		96
46) 2-Chloronaphthalene	9.27	162	447189	27.167	ng	#	91
47) 2-Nitroaniline	9.36	65	173543	31.448	ng		95
48) Acenaphthylene	9.69	152	719855	27.848	ng		99
49) Dimethylphthalate	9.55	163	636701	35.654	ng		98
50) 2,6-Dinitrotoluene	9.60	165	111573	31.300	ng	#	48
51) Acenaphthene	9.86	154	432735	26.543	ng		98
52) 3-Nitroaniline	9.77	138	114508	24.898	ng	#	79
53) 2,4-Dinitrophenol	9.87	184	19205	20.032	ng	#	86
54) Dibenzofuran	10.03	168	637263	29.166	ng		99
55) 4-Nitrophenol	9.93	139	187966	51.235	ng	#	36
56) 2,4-Dinitrotoluene	10.00	165	140716	31.456	ng	#	43
57) Fluorene	10.37	166	461923	27.344	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	123594	31.967	ng		94
59) Diethylphthalate	10.25	149	561094	30.046	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	218606	27.855	ng		92
61) 4-Nitroaniline	10.38	138	113833	26.042	ng	#	69
62) Azobenzene	10.52	77	654766	29.517	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	22667	17.697	ng	#	77
65) n-Nitrosodiphenylamine	10.48	169	437867	30.320	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	131763	29.920	ng		95
67) Hexachlorobenzene	10.92	284	124774	27.798	ng		94
68) Atrazine	11.01	200	131988	34.463	ng		97
69) Pentachlorophenol	11.10	266	133723	51.095	ng		99
70) Phenanthrene	11.33	178	657288	29.086	ng		100
71) Anthracene	11.38	178	651595	28.428	ng		99
72) Carbazole	11.53	167	603856	27.755	ng		98
73) Di-n-butylphthalate	11.87	149	826771	32.991	ng		99
74) Fluoranthene	12.51	202	607767	25.767	ng		98
76) Benzidine	12.64	184	341238	36.731	ng	#	92
77) Pyrene	12.74	202	612975	26.451	ng		98
79) Butylbenzylphthalate	13.37	149	280073	31.522	ng	#	68
80) Benzo(a)anthracene	13.93	228	471991	27.794	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	172404	30.086	ng	#	97
82) Chrysene	13.96	228	467171	27.654	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	356347	36.193	ng		99
84) Di-n-octyl phthalate	14.54	149	638103	37.248	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	393584	31.671	ng		96
87) Benzo(b)fluoranthene	14.96	252	456567	26.181	ng		100
88) Benzo(k)fluoranthene	14.99	252	450718	27.509	ng	#	94
89) Benzo(a)pyrene	15.31	252	438375	28.395	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	335857	26.722	ng		98
91) Benzo(g,h,i)perylene	17.19	276	306281	23.355	ng		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097707.D
Acq On : 15 Aug 2017 22:50
Operator : SJ/JU
Sample : I4751-16MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 16 05:19:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-24-COMPMS

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:32 PM