Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098202.D
Acq On : 31 Aug 2017 18:48
Operator : SJ/JU
Sample : PB101939BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 01 02:53:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB101939BSD

Manual Integrations APPROVED
Sohil
9/1/2017 5:29:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	109778	20.00	ng		-0.04
21) Naphthalene-d8	8.00	136	440677	20.00	ng		-0.03
38) Acenaphthene-d10	9.76	164	207152	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	400383	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	286894	20.00	ng		-0.03
86) Perylene-d12	15.28	264	216629	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	860416	119.22	ng		-0.02
7) Phenol-d6	6.36	99	1155685	117.85	ng		-0.02
23) Nitrobenzene-d5	7.29	82	715179	88.16	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	244566	136.07	ng		-0.03
44) 2-Fluorobiphenyl	9.08	172	1119271	79.38	ng		-0.03
78) Terphenyl-d14	12.82	244	993819	72.24	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	133025	33.050	ng		89
3) Pyridine	3.16	79	387882	34.860	ng		85
4) n-Nitrosodimethylamine	3.12	42	141777	33.115	ng	#	70
6) Aniline	6.38	93	342706	24.878	ng	#	78
8) 2-Chlorophenol	6.50	128	301652	39.632	ng		97
9) Benzaldehyde	6.26	77	111100	17.887	ng		90
10) Phenol	6.37	94	425110	37.067	ng		97
11) bis(2-Chloroethyl)ether	6.46	93	331596	38.308	ng		97
12) 1,3-Dichlorobenzene	6.66	146	302743	36.978	ng	#	93
13) 1,4-Dichlorobenzene	6.73	146	304127	36.525	ng	#	92
14) 1,2-Dichlorobenzene	6.89	146	284299	37.029	ng		99
15) Benzyl Alcohol	6.86	79	290226	39.531	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	432653	37.149	ng		91
17) 2-Methylphenol	6.98	107	274807	40.971	ng		96
18) Hexachloroethane	7.23	117	123035	37.689	ng	#	81
19) n-Nitroso-di-n-propylamine	7.14	70	242776	36.166	ng		89
20) 3+4-Methylphenols	7.13	107	329595	40.232	ng		96
22) Acetophenone	7.13	105	435714	37.427	ng	#	91
24) Nitrobenzene	7.30	77	374492	41.462	ng		94
25) Isophorone	7.55	82	680637	40.352	ng		97
26) 2-Nitrophenol	7.62	139	155724	47.634	ng	#	85
27) 2,4-Dimethylphenol	7.66	122	278539	39.595	ng		94
28) bis(2-Chloroethoxy)methane	7.76	93	433317	39.075	ng		99
29) 2,4-Dichlorophenol	7.86	162	241992	41.441	ng		92
30) 1,2,4-Trichlorobenzene	7.95	180	243086	37.551	ng		99
31) Naphthalene	8.03	128	872979	38.158	ng		100
32) Benzoic acid	7.80	122	158750	33.244	ng		86
33) 4-Chloroaniline	8.07	127	169737	17.592	ng		98
34) Hexachlorobutadiene	8.14	225	140197	37.093	ng		97
35) Caprolactam	8.45	113	87108m	43.879	ng		
36) 4-Chloro-3-methylphenol	8.56	107	299393	39.905	ng	#	78
37) 2-Methylnaphthalene	8.72	142	574552	40.963	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	230876	36.316	ng	#	97
40) Hexachlorocyclopentadiene	8.87	237	247066	80.895	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098202.D
Acq On : 31 Aug 2017 18:48
Operator : SJ/JU
Sample : PB101939BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Manual Integrations APPROVED
Sohil
9/1/2017 5:29:13 PM

Quant Time: Sep 01 02:53:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	164872	38.628	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	172555	40.751	ng		97
45) 1,1'-Biphenyl	9.18	154	677613	35.871	ng		97
46) 2-Chloronaphthalene	9.20	162	499726	35.803	ng	#	91
47) 2-Nitroaniline	9.30	65	192321	41.102	ng		99
48) Acenaphthylene	9.62	152	831167	37.921	ng		100
49) Dimethylphthalate	9.49	163	610243	40.301	ng		99
50) 2,6-Dinitrotoluene	9.55	165	130258	43.096	ng	#	63
51) Acenaphthene	9.79	154	489506	35.411	ng		99
52) 3-Nitroaniline	9.71	138	93853	24.067	ng		84
53) 2,4-Dinitrophenol	9.83	184	124851	85.970	ng	#	73
54) Dibenzofuran	9.96	168	735847	39.718	ng		99
55) 4-Nitrophenol	9.89	139	217096	69.788	ng	#	47
56) 2,4-Dinitrotoluene	9.95	165	168789	44.498	ng	#	51
57) Fluorene	10.30	166	550456	38.429	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	142033	43.324	ng		94
59) Diethylphthalate	10.19	149	631986	39.911	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	263025	39.526	ng	#	85
61) 4-Nitroaniline	10.33	138	150968	40.732	ng		77
62) Azobenzene	10.46	77	753627	40.067	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	86573	46.252	ng	#	71
65) n-Nitrosodiphenylamine	10.42	169	512805	37.612	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	163965	39.436	ng		94
67) Hexachlorobenzene	10.85	284	159798	37.708	ng	#	90
68) Atrazine	10.95	200	162653	44.984	ng		97
69) Pentachlorophenol	11.05	266	166460	67.369	ng		100
70) Phenanthrene	11.26	178	820319	38.449	ng		100
71) Anthracene	11.32	178	836469	38.654	ng		99
72) Carbazole	11.47	167	784709	38.203	ng		98
73) Di-n-butylphthalate	11.80	149	1023361	43.253	ng		99
74) Fluoranthene	12.44	202	865406	38.861	ng		97
76) Benzidine	12.57	184	327984m	34.867	ng		
77) Pyrene	12.67	202	873823	37.240	ng		99
79) Butylbenzylphthalate	13.30	149	404873	45.004	ng	#	76
80) Benzo(a)anthracene	13.86	228	618042	35.944	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	119455	20.588	ng	#	95
82) Chrysene	13.90	228	605884	35.422	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	492706	49.424	ng	#	100
84) Di-n-octyl phthalate	14.46	149	838607	48.347	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	527207	41.899	ng		95
87) Benzo(b)fluoranthene	14.88	252	516740	37.843	ng		98
88) Benzo(k)fluoranthene	14.91	252	518660	40.430	ng	#	94
89) Benzo(a)pyrene	15.22	252	489623	40.504	ng		100
90) Dibenzo(a,h)anthracene	16.67	278	435253	44.227	ng		99
91) Benzo(g,h,i)perylene	17.07	276	451191	43.939	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098202.D
Acq On : 31 Aug 2017 18:48
Operator : SJ/JU
Sample : PB101939BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 01 02:53:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Manual Integrations APPROVED
Sohil
9/1/2017 5:29:13 PM