Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098038.D
Acq On : 25 Aug 2017 18:53
Operator : SJ/JU
Sample : PB101833BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Manual Integrations APPROVED
Sohil
8/28/2017 3:13:26 PM

Quant Time: Aug 25 23:55:25 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)
1) 1,4-Dichlorobenzene-d4	6.74	152	129649	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	518214	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	233464	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	451905	20.00	ng		0.00
75) Chrysene-d12	13.89	240	319021	20.00	ng		0.00
86) Perylene-d12	15.30	264	245195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1096485	128.64	ng		0.01
7) Phenol-d6	6.39	99	1491937	128.83	ng		0.00
23) Nitrobenzene-d5	7.31	82	927281	97.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	286309	141.34	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1360328	85.61	ng		0.00
78) Terphenyl-d14	12.84	244	1152634	75.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	172053	36.195	ng		90
3) Pyridine	3.21	79	494920	37.662	ng		86
4) n-Nitrosodimethylamine	3.17	42	199489	39.453	ng		81
6) Aniline	6.40	93	431254	26.508	ng		95
8) 2-Chlorophenol	6.53	128	375413	41.764	ng		98
9) Benzaldehyde	6.29	77	197179	26.880	ng		89
10) Phenol	6.40	94	540358	39.895	ng		96
11) bis(2-Chloroethyl)ether	6.48	93	411219	40.225	ng		97
12) 1,3-Dichlorobenzene	6.68	146	370327	38.301	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	376676	38.304	ng	#	93
14) 1,2-Dichlorobenzene	6.91	146	350597	38.666	ng		100
15) Benzyl Alcohol	6.89	79	370964	42.784	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	539663	39.235	ng		91
17) 2-Methylphenol	7.00	107	345530	43.620	ng		96
18) Hexachloroethane	7.25	117	154831	40.159	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	299737	37.808	ng		91
20) 3+4-Methylphenols	7.16	107	404202	41.777	ng		96
22) Acetophenone	7.15	105	541221	39.534	ng	#	92
24) Nitrobenzene	7.33	77	478554	45.056	ng		95
25) Isophorone	7.57	82	850202	42.863	ng		98
26) 2-Nitrophenol	7.64	139	193599	50.058	ng	#	76
27) 2,4-Dimethylphenol	7.68	122	351128	42.445	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	531931	40.791	ng		99
29) 2,4-Dichlorophenol	7.89	162	300137	43.707	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	304533	40.005	ng		98
31) Naphthalene	8.05	128	1070451	39.789	ng		100
32) Benzoic acid	7.82	122	189395	33.634	ng		90
33) 4-Chloroaniline	8.09	127	243581	21.468	ng		99
34) Hexachlorobutadiene	8.16	225	172000	38.698	ng		98
35) Caprolactam	8.47	113	111500m	47.762	ng		
36) 4-Chloro-3-methylphenol	8.59	107	376438	42.667	ng	#	81
37) 2-Methylnaphthalene	8.74	142	703971	42.680	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	275667	38.474	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	323008	93.840	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098038.D
Acq On : 25 Aug 2017 18:53
Operator : SJ/JU
Sample : PB101833BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Manual Integrations APPROVED
Sohil
8/28/2017 3:13:26 PM

Quant Time: Aug 25 23:55:25 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	9.02	196	205437	42.707	ng		96
43) 2,4,5-Trichlorophenol	9.06	196	211330	44.283	ng		96
45) 1,1'-Biphenyl	9.20	154	815127	38.287	ng		97
46) 2-Chloronaphthalene	9.23	162	609344	38.737	ng		93
47) 2-Nitroaniline	9.32	65	249896	47.387	ng		94
48) Acenaphthylene	9.64	152	1002178	40.570	ng		100
49) Dimethylphthalate	9.51	163	720990	42.248	ng		99
50) 2,6-Dinitrotoluene	9.57	165	156880	46.054	ng	#	66
51) Acenaphthene	9.81	154	592013	38.000	ng		99
52) 3-Nitroaniline	9.73	138	117093	26.643	ng		91
53) 2,4-Dinitrophenol	9.85	184	106590	67.583	ng	#	71
54) Dibenzofuran	9.99	168	881730	42.228	ng		99
55) 4-Nitrophenol	9.90	139	293868	83.820	ng	#	40
56) 2,4-Dinitrotoluene	9.97	165	210198	49.170	ng	#	47
57) Fluorene	10.33	166	651165	40.336	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	175963	47.625	ng		94
59) Diethylphthalate	10.20	149	734958	41.183	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	300058	40.009	ng		91
61) 4-Nitroaniline	10.35	138	181792	43.521	ng	#	71
62) Azobenzene	10.48	77	889559	41.963	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	85420	41.480	ng	#	71
65) n-Nitrosodiphenylamine	10.44	169	611648	39.747	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	190909	40.682	ng		99
67) Hexachlorobenzene	10.87	284	187594	39.220	ng	#	80
68) Atrazine	10.97	200	183191	44.888	ng		99
69) Pentachlorophenol	11.07	266	202401	72.575	ng		99
70) Phenanthrene	11.29	178	971779	40.355	ng		100
71) Anthracene	11.34	178	1003284	41.077	ng		100
72) Carbazole	11.49	167	964381	41.597	ng		99
73) Di-n-butylphthalate	11.83	149	1102563	41.287	ng		99
74) Fluoranthene	12.47	202	1019557	40.564	ng		100
76) Benzidine	12.59	184	396616	37.917	ng	#	91
77) Pyrene	12.70	202	1056721	40.499	ng		99
79) Butylbenzylphthalate	13.32	149	460802	46.063	ng	#	79
80) Benzo(a)anthracene	13.88	228	740445	38.726	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	177154	27.457	ng	#	96
82) Chrysene	13.92	228	751422	39.506	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	526251	47.473	ng	#	99
84) Di-n-octyl phthalate	14.49	149	929094	48.169	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	633409	45.269	ng		94
87) Benzo(b)fluoranthene	14.90	252	628044	40.636	ng		98
88) Benzo(k)fluoranthene	14.93	252	597072	41.119	ng	#	93
89) Benzo(a)pyrene	15.25	252	581614	42.509	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	516433	46.363	ng		97
91) Benzo(g,h,i)perylene	17.10	276	553856	47.653	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098038.D
Acq On : 25 Aug 2017 18:53
Operator : SJ/JU
Sample : PB101833BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 25 23:55:25 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 :
PB101833BSD

Manual Integrations APPROVED
Sohil
8/28/2017 3:13:26 PM