Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108596.D
Acq On : 29 Aug 2018 11:25
Operator : JU/SJ
Sample : PB112381BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112381BSD

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:24 PM

Quant Time: Aug 29 11:57:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	108900	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	430103	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	214713	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	422148	20.00	ng		0.00
75) Chrysene-d12	14.19	240	276567	20.00	ng		0.00
86) Perylene-d12	15.75	264	228649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	603801	100.38	ng		0.01
7) Phenol-d6	6.63	99	826074	103.35	ng		0.00
23) Nitrobenzene-d5	7.57	82	542059	70.33	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	241399	112.71	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1084320	81.08	ng		-0.01
78) Terphenyl-d14	13.12	244	1069709	98.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	108150	34.991	ng		95
3) Pyridine	3.74	79	263489	33.094	ng		89
4) n-Nitrosodimethylamine	3.71	42	153817	34.334	ng	#	80
6) Aniline	6.67	93	334272	30.745	ng	#	86
8) 2-Chlorophenol	6.79	128	300936	44.421	ng		94
9) Benzaldehyde	6.56	77	190388	30.721	ng		98
10) Phenol	6.65	94	359219	43.447	ng		89
11) bis(2-Chloroethyl)ether	6.73	93	319720	47.831	ng		93
12) 1,3-Dichlorobenzene	6.94	146	347041	44.304	ng		99
13) 1,4-Dichlorobenzene	7.02	146	364942	46.370	ng		97
14) 1,2-Dichlorobenzene	7.17	146	336357	45.947	ng		98
15) Benzyl Alcohol	7.15	79	243151	36.135	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.26	45	538399	39.099	ng		76
17) 2-Methylphenol	7.25	107	250950	43.196	ng	#	91
18) Hexachloroethane	7.51	117	127093	45.360	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	222523	41.168	ng	#	88
20) 3+4-Methylphenols	7.40	107	322912	43.374	ng	#	66
22) Acetophenone	7.41	105	448950	44.641	ng	#	87
24) Nitrobenzene	7.58	77	335767	43.079	ng		94
25) Isophorone	7.81	82	594448	40.463	ng		95
26) 2-Nitrophenol	7.90	139	150954	51.285	ng		92
27) 2,4-Dimethylphenol	7.93	122	271825	41.688	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	366972	42.789	ng		99
29) 2,4-Dichlorophenol	8.14	162	271586	45.261	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	291918	44.125	ng		97
31) Naphthalene	8.31	128	913322	46.693	ng		100
32) Benzoic acid	8.07	122	121507	34.090	ng		93
33) 4-Chloroaniline	8.35	127	220105	25.821	ng		97
34) Hexachlorobutadiene	8.41	225	191402	45.701	ng		99
35) Caprolactam	8.72	113	71606m	38.080	ng		
36) 4-Chloro-3-methylphenol	8.84	107	278257	42.986	ng		97
37) 2-Methylnaphthalene	9.00	142	606329	43.813	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	314789	47.741	ng		98
40) Hexachlorocyclopentadiene	9.14	237	292552	68.692	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108596.D
Acq On : 29 Aug 2018 11:25
Operator : JU/SJ
Sample : PB112381BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:24 PM

Quant Time: Aug 29 11:57:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	187061	45.717	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	202475	44.953	ng		93
45) 1,1'-Biphenyl	9.46	154	743020	46.935	ng		98
46) 2-Chloronaphthalene	9.49	162	577608	46.164	ng		98
47) 2-Nitroaniline	9.59	65	187912	46.416	ng		84
48) Acenaphthylene	9.91	152	903492	45.675	ng		99
49) Dimethylphthalate	9.76	163	661976	44.260	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	144610	46.213	ng		97
51) Acenaphthene	10.08	154	507051	41.851	ng		99
52) 3-Nitroaniline	10.01	138	102352	29.895	ng		95
53) 2,4-Dinitrophenol	10.11	184	97285	82.803	ng	#	24
54) Dibenzofuran	10.25	168	789075	44.954	ng		97
55) 4-Nitrophenol	10.18	139	182332	70.327	ng		89
56) 2,4-Dinitrotoluene	10.24	165	191472	47.537	ng	#	94
57) Fluorene	10.60	166	638363	45.942	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	183267	48.680	ng	#	83
59) Diethylphthalate	10.45	149	641919	44.322	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	326311	45.068	ng		92
61) 4-Nitroaniline	10.63	138	134098	39.616	ng		91
62) Azobenzene	10.74	77	654067	43.730	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	67975	43.460	ng		93
65) n-Nitrosodiphenylamine	10.71	169	566652	45.424	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	208415	45.430	ng	#	84
67) Hexachlorobenzene	11.14	284	224065	46.420	ng	#	90
68) Atrazine	11.23	200	188290	45.001	ng		95
69) Pentachlorophenol	11.35	266	188135	81.431	ng		96
70) Phenanthrene	11.57	178	913473	45.877	ng		99
71) Anthracene	11.62	178	948594	46.482	ng		99
72) Carbazole	11.78	167	798274	44.027	ng		99
73) Di-n-butylphthalate	12.08	149	974872	47.468	ng		99
74) Fluoranthene	12.76	202	944505	43.464	ng		96
76) Benzidine	12.88	184	425840	41.211	ng		98
77) Pyrene	12.99	202	934235	53.356	ng		100
79) Butylbenzylphthalate	13.59	149	353861	50.895	ng		96
80) Benzo(a)anthracene	14.18	228	724358	45.637	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	133772	23.518	ng	#	95
82) Chrysene	14.22	228	658515	45.254	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	452272	48.036	ng		100
84) Di-n-octyl phthalate	14.77	149	675615	47.051	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	700189	55.534	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	605991	44.354	ng	#	97
88) Benzo(k)fluoranthene	15.32	252	533592	42.486	ng	#	95
89) Benzo(a)pyrene	15.68	252	554693	45.338	ng	#	96
90) Dibenzo(a,h)anthracene	17.39	278	587223	58.009	ng	#	92
91) Benzo(g,h,i)perylene	17.87	276	603945	60.589	ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108596.D
Acq On : 29 Aug 2018 11:25
Operator : JU/SJ
Sample : PB112381BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 29 11:57:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB112381BSD

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:24 PM