Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108760.D
Acq On : 5 Sep 2018 2:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/5/2018 12:48:00 PM

Quant Time: Sep 05 06:39:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	86611	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	364871	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	179269	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	353292	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	248558	20.00	ng		-0.01
86) Perylene-d12	15.74	264	231430	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	330771	66.34	ng		-0.03
7) Phenol-d6	6.63	99	546793	76.57	ng		-0.02
23) Nitrobenzene-d5	7.56	82	601326	83.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	162366	68.61	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	1160273	87.02	ng		-0.01
78) Terphenyl-d14	13.11	244	1158908	90.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	84475	36.458	ng		90
3) Pyridine	3.63	79	180595	33.735	ng		88
4) n-Nitrosodimethylamine	3.61	42	70647m	26.455	ng		
6) Aniline	6.68	93	277542	36.019	ng	#	85
8) 2-Chlorophenol	6.78	128	249209	40.881	ng		95
9) Benzaldehyde	6.56	77	171310m	38.815	ng		
10) Phenol	6.64	94	322788	38.764	ng		85
11) bis(2-Chloroethyl)ether	6.72	93	283904	38.719	ng		98
12) 1,3-Dichlorobenzene	6.94	146	269111	38.075	ng		99
13) 1,4-Dichlorobenzene	7.01	146	317430	41.143	ng		98
14) 1,2-Dichlorobenzene	7.16	146	303715	42.863	ng		99
15) Benzyl Alcohol	7.15	79	146776m	28.575	ng		
16) 2,2'-oxybis(1-Chloropropan	7.25	45	454395	40.396	ng		76
17) 2-Methylphenol	7.24	107	173819	36.674	ng	#	80
18) Hexachloroethane	7.50	117	96622	36.415	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	190144	39.763	ng	#	89
20) 3+4-Methylphenols	7.40	107	196815	33.143	ng	#	40
22) Acetophenone	7.41	105	345613	37.944	ng	#	89
24) Nitrobenzene	7.58	77	289934	39.778	ng		94
25) Isophorone	7.81	82	460386	38.555	ng		97
26) 2-Nitrophenol	7.90	139	112330	34.044	ng	#	90
27) 2,4-Dimethylphenol	7.92	122	173802	36.218	ng		93
28) bis(2-Chloroethoxy)methane	8.02	93	281903	37.371	ng		98
29) 2,4-Dichlorophenol	8.14	162	211957	37.231	ng		98
30) 1,2,4-Trichlorobenzene	8.21	180	251875	39.564	ng		99
31) Naphthalene	8.30	128	725901	41.769	ng		99
32) Benzoic acid	8.03	122	58925m	19.148	ng		
33) 4-Chloroaniline	8.35	127	286589	37.356	ng		98
34) Hexachlorobutadiene	8.40	225	164797	39.425	ng		98
35) Caprolactam	8.72	113	50049	32.992	ng	#	85
36) 4-Chloro-3-methylphenol	8.83	107	218204	35.711	ng		96
37) 2-Methylnaphthalene	8.99	142	433702	36.884	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	260711	40.964	ng	#	97
40) Hexachlorocyclopentadiene	9.13	237	32098	17.964	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108760.D
Acq On : 5 Sep 2018 2:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/5/2018 12:48:00 PM

Quant Time: Sep 05 06:39:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	130399	34.599	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	175991	40.044	ng		95
45) 1,1'-Biphenyl	9.45	154	622672	39.898	ng		97
46) 2-Chloronaphthalene	9.48	162	478791	39.188	ng		97
47) 2-Nitroaniline	9.59	65	155645	38.089	ng		88
48) Acenaphthylene	9.90	152	692605	38.720	ng		100
49) Dimethylphthalate	9.75	163	537635	38.085	ng	#	98
50) 2,6-Dinitrotoluene	9.82	165	115912	37.251	ng	#	89
51) Acenaphthene	10.07	154	425337	39.770	ng		99
52) 3-Nitroaniline	10.01	138	137641	40.889	ng		92
53) 2,4-Dinitrophenol	10.15	184	13136	12.415	ng	#	58
54) Dibenzofuran	10.24	168	631644	37.743	ng		95
55) 4-Nitrophenol	10.19	139	62005m	31.915	ng		
56) 2,4-Dinitrotoluene	10.23	165	143327	34.787	ng	#	93
57) Fluorene	10.59	166	481138	37.098	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	145164	36.870	ng	#	74
59) Diethylphthalate	10.44	149	534764	37.600	ng		97
60) 4-Chlorophenyl-phenylether	10.57	204	279664	38.001	ng		93
61) 4-Nitroaniline	10.64	138	121646	37.345	ng		92
62) Azobenzene	10.74	77	536868	37.978	ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	24083	15.363	ng	#	73
65) n-Nitrosodiphenylamine	10.70	169	467022	39.788	ng		96
66) 4-Bromophenyl-phenylether	11.07	248	178623	41.138	ng	#	87
67) Hexachlorobenzene	11.14	284	179655	38.405	ng	#	86
68) Atrazine	11.21	200	112785	30.700	ng		97
69) Pentachlorophenol	11.34	266	68422	27.526	ng		93
70) Phenanthrene	11.56	178	661142	37.075	ng		98
71) Anthracene	11.61	178	783474	41.814	ng		99
72) Carbazole	11.77	167	707079	39.027	ng		99
73) Di-n-butylphthalate	12.07	149	816592	39.175	ng		99
74) Fluoranthene	12.75	202	743538	37.043	ng		94
76) Benzidine	12.88	184	420132	60.048	ng		98
77) Pyrene	12.98	202	740065	39.608	ng		99
79) Butylbenzylphthalate	13.58	149	323439	41.167	ng		98
80) Benzo(a)anthracene	14.18	228	554036	36.563	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	252181	45.891	ng	#	96
82) Chrysene	14.21	228	602201	41.326	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	428700	42.450	ng		99
84) Di-n-octyl phthalate	14.75	149	653369	44.004	ng		96
85) Indeno(1,2,3-cd)pyrene	17.37	276	492326	48.590	ng	#	88
87) Benzo(b)fluoranthene	15.27	252	468589	32.961	ng	#	97
88) Benzo(k)fluoranthene	15.31	252	561715	39.885	ng	#	95
89) Benzo(a)pyrene	15.68	252	489233	38.080	ng	#	96
90) Dibenzo(a,h)anthracene	17.37	278	427025	41.616	ng	#	93
91) Benzo(g,h,i)perylene	17.85	276	371341	37.235	ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108760.D
Acq On : 5 Sep 2018 2:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 05 06:39:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/5/2018 12:48:00 PM