Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106717.D
Acq On : 22 Jun 2018 19:16
Operator : JU/SJ
Sample : J3573-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:53 PM

Quant Time: Jun 25 05:38:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	55775	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	217026	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	115610	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	238798	20.00	ng		0.00
75) Chrysene-d12	14.15	240	174018	20.00	ng		0.00
86) Perylene-d12	15.68	264	151368	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	385503	117.04	ng		0.00
7) Phenol-d6	6.61	99	509780	123.93	ng		0.00
23) Nitrobenzene-d5	7.53	82	338397	86.65	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	198466	148.11	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	595620	87.67	ng		0.00
78) Terphenyl-d14	13.08	244	734511	102.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	45213	26.699	ng		98
3) Pyridine	3.62	79	140345	30.559	ng		98
4) n-Nitrosodimethylamine	3.58	42	63312	32.458	ng		86
6) Aniline	6.63	93	197841	35.457	ng		98
8) 2-Chlorophenol	6.75	128	142832	39.536	ng		99
9) Benzaldehyde	6.51	77	68217	21.480	ng		97
10) Phenol	6.62	94	183918	39.179	ng	#	70
11) bis(2-Chloroethyl)ether	6.70	93	146222	37.731	ng		98
12) 1,3-Dichlorobenzene	6.90	146	160492	37.930	ng		98
13) 1,4-Dichlorobenzene	6.98	146	161292	37.704	ng		98
14) 1,2-Dichlorobenzene	7.13	146	152573	38.917	ng		98
15) Benzyl Alcohol	7.10	79	129826	39.307	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	211594	41.614	ng		89
17) 2-Methylphenol	7.22	107	126106	40.789	ng	#	94
18) Hexachloroethane	7.47	117	55971	37.206	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	98516	36.334	ng		94
20) 3+4-Methylphenols	7.37	107	146443	43.458	ng	#	74
22) Acetophenone	7.37	105	191616	39.464	ng	#	93
24) Nitrobenzene	7.55	77	158347	39.715	ng		98
25) Isophorone	7.78	82	307414	44.672	ng		100
26) 2-Nitrophenol	7.86	139	84608	44.953	ng		98
27) 2,4-Dimethylphenol	7.90	122	138782	47.705	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	191996	41.554	ng		97
29) 2,4-Dichlorophenol	8.11	162	139325	45.745	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	146274	43.596	ng		98
31) Naphthalene	8.27	128	426441	42.028	ng		99
32) Benzoic acid	7.99	122	21524m	14.688	ng		
33) 4-Chloroaniline	8.31	127	161949	38.039	ng		98
34) Hexachlorobutadiene	8.37	225	96470	44.126	ng		98
35) Caprolactam	8.70	113	43878m	44.196	ng		
36) 4-Chloro-3-methylphenol	8.81	107	147909	46.138	ng		96
37) 2-Methylnaphthalene	8.96	142	316539	47.066	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	163329	41.950	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	162912	81.329	ng		97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106717.D
Acq On : 22 Jun 2018 19:16
Operator : JU/SJ
Sample : J3573-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:53 PM

Quant Time: Jun 25 05:38:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	106863	41.292 ng		94
43) 2,4,5-Trichlorophenol	9.29	196	112887	41.802 ng	#	87
45) 1,1'-Biphenyl	9.42	154	386804	41.982 ng		99
46) 2-Chloronaphthalene	9.45	162	286749	39.539 ng		96
47) 2-Nitroaniline	9.55	65	96087	39.400 ng		95
48) Acenaphthylene	9.87	152	461327	40.290 ng		99
49) Dimethylphthalate	9.72	163	435549	50.231 ng		98
50) 2,6-Dinitrotoluene	9.79	165	84293	45.909 ng		91
51) Acenaphthene	10.04	154	278296	38.597 ng		97
52) 3-Nitroaniline	9.96	138	76374	36.147 ng		99
53) 2,4-Dinitrophenol	10.07	184	80303	83.843 ng	#	18
54) Dibenzofuran	10.21	168	431933	43.749 ng		97
55) 4-Nitrophenol	10.14	139	110825	75.146 ng		97
56) 2,4-Dinitrotoluene	10.20	165	113600	47.400 ng		89
57) Fluorene	10.55	166	334215	42.659 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	106743	49.725 ng	#	79
59) Diethylphthalate	10.42	149	335296	40.065 ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	175548	42.824 ng	#	84
61) 4-Nitroaniline	10.58	138	88132	42.030 ng		98
62) Azobenzene	10.70	77	327917	39.790 ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	66195	44.844 ng	#	74
65) n-Nitrosodiphenylamine	10.67	169	305338	38.015 ng		99
66) 4-Bromophenyl-phenylether	11.03	248	124419	43.657 ng	#	83
67) Hexachlorobenzene	11.10	284	132294	44.352 ng	#	84
68) Atrazine	11.19	200	109294	42.803 ng		95
69) Pentachlorophenol	11.30	266	119487	80.283 ng		99
70) Phenanthrene	11.52	178	499175	43.340 ng		99
71) Anthracene	11.58	178	519817	44.216 ng		100
72) Carbazole	11.73	167	457539	41.569 ng		99
73) Di-n-butylphthalate	12.04	149	531192	40.965 ng		100
74) Fluoranthene	12.71	202	537448	42.336 ng		97
76) Benzidine	12.84	184	269894	54.458 ng		97
77) Pyrene	12.95	202	536999	46.796 ng		99
79) Butylbenzylphthalate	13.55	149	203654	43.165 ng	#	94
80) Benzo(a)anthracene	14.14	228	459637	43.338 ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	131648	35.318 ng	#	96
82) Chrysene	14.18	228	421864	43.236 ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	266313	44.151 ng		97
84) Di-n-octyl phthalate	14.73	149	414468	42.154 ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	427096	51.579 ng	#	90
87) Benzo(b)fluoranthene	15.23	252	388694	41.338 ng	#	95
88) Benzo(k)fluoranthene	15.26	252	372273	41.575 ng	#	96
89) Benzo(a)pyrene	15.62	252	369999	44.264 ng	#	97
90) Dibenzo(a,h)anthracene	17.28	278	349616	49.352 ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	367824	53.122 ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106717.D
Acq On : 22 Jun 2018 19:16
Operator : JU/SJ
Sample : J3573-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 25 05:38:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:53 PM