Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115588.D
Acq On : 16 Jul 2019 10:53
Operator : HP/JU
Sample : PB121214BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121214BSD

Manual Integrations APPROVED
mohammad
7/17/2019 12:05:30 PM

Quant Time: Jul 16 16:54:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	207606	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	859959	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	369416	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	713840	20.00	ng		0.00
76) Chrysene-d12	14.04	240	457559	20.00	ng		0.00
87) Perylene-d12	15.51	264	333279	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1351881	106.51	ng		0.02
7) Phenol-d6	6.52	99	1783609	110.75	ng		0.00
23) Nitrobenzene-d5	7.45	82	1124069	76.00	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	474857	110.13	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1760518	83.41	ng		0.00
79) Terphenyl-d14	12.99	244	1850238	74.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	204814	32.351	ng		99
3) Pyridine	3.53	79	527515	30.711	ng		99
4) n-Nitrosodimethylamine	3.48	42	231767	37.194	ng		96
6) Aniline	6.55	93	563431	25.140	ng		99
8) 2-Chlorophenol	6.67	128	550126	37.699	ng		96
9) Benzaldehyde	6.43	77	79208	7.870	ng		99
10) Phenol	6.53	94	696184	37.238	ng		86
11) bis(2-Chloroethyl)ether	6.62	93	530753	37.288	ng		99
12) 1,3-Dichlorobenzene	6.83	146	580410	35.377	ng		99
13) 1,4-Dichlorobenzene	6.90	146	582848	35.606	ng		99
14) 1,2-Dichlorobenzene	7.06	146	540850	36.143	ng		97
15) Benzyl Alcohol	7.02	79	479749	37.552	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	735488	39.248	ng		96
17) 2-Methylphenol	7.13	107	478566	38.055	ng		99
18) Hexachloroethane	7.40	117	216468	35.627	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	385056	36.660	ng		98
20) 3+4-Methylphenols	7.29	107	562758	37.674	ng		96
22) Acetophenone	7.29	105	754547	38.839	ng	#	94
24) Nitrobenzene	7.46	77	606048	37.993	ng		97
25) Isophorone	7.70	82	1146776	38.750	ng		99
26) 2-Nitrophenol	7.78	139	317395	38.657	ng		97
27) 2,4-Dimethylphenol	7.82	122	532289	43.328	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	700384	38.577	ng		100
29) 2,4-Dichlorophenol	8.02	162	489151	38.285	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	529350	36.653	ng		97
31) Naphthalene	8.19	128	1610024	38.658	ng		98
32) Benzoic acid	7.95	122	399984	39.673	ng		99
33) 4-Chloroaniline	8.23	127	380154	20.607	ng		99
34) Hexachlorobutadiene	8.31	225	298019	35.984	ng		99
35) Caprolactam	8.60	113	137232m	34.759	ng		
36) 4-Chloro-3-methylphenol	8.72	107	445606	33.623	ng		100
37) 2-Methylnaphthalene	8.88	142	953077	34.523	ng		98
38) 1-Methylnaphthalene	8.98	142	889418	33.918	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	437842	39.359	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115588.D
Acq On : 16 Jul 2019 10:53
Operator : HP/JU
Sample : PB121214BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Manual Integrations APPROVED
mohammad
7/17/2019 12:05:30 PM

Quant Time: Jul 16 16:54:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	361796	57.013	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	307684	37.821	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	326121	39.144	ng		100
46) 1,1'-Biphenyl	9.35	154	1153331	39.935	ng		98
47) 2-Chloronaphthalene	9.37	162	909751	37.831	ng		98
48) 2-Nitroaniline	9.46	65	269174	36.165	ng		99
49) Acenaphthylene	9.79	152	1369359	38.430	ng		98
50) Dimethylphthalate	9.65	163	1057112	38.034	ng		99
51) 2,6-Dinitrotoluene	9.70	165	245015	38.791	ng		89
52) Acenaphthene	9.96	154	966038	41.993	ng		99
53) 3-Nitroaniline	9.87	138	176540	24.458	ng		99
54) 2,4-Dinitrophenol	9.98	184	252483	77.857	ng		91
55) Dibenzofuran	10.13	168	1235433	37.816	ng		100
56) 4-Nitrophenol	10.03	139	382286	69.455	ng		99
57) 2,4-Dinitrotoluene	10.10	165	328589	40.155	ng		98
58) Fluorene	10.47	166	927931	39.731	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	283876	40.760	ng		98
60) Diethylphthalate	10.35	149	1018300	39.103	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	479441	37.018	ng		99
62) 4-Nitroaniline	10.49	138	242157	34.975	ng		99
63) Azobenzene	10.62	77	978522	38.739	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	164244	37.659	ng		100
66) n-Nitrosodiphenylamine	10.58	169	848688	38.221	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	304795	37.364	ng		98
68) Hexachlorobenzene	11.02	284	343384	36.860	ng	#	92
69) Atrazine	11.10	200	261313	35.873	ng		99
70) Pentachlorophenol	11.22	266	403755	70.862	ng		99
71) Phenanthrene	11.43	178	1402090	38.318	ng		98
72) Anthracene	11.49	178	1425876	37.706	ng		99
73) Carbazole	11.63	167	1259538	37.982	ng		100
74) Di-n-butylphthalate	11.97	149	1554501	38.057	ng		99
75) Fluoranthene	12.62	202	1442584	37.308	ng		99
77) Benzidine	12.73	184	314844	19.424	ng		99
78) Pyrene	12.85	202	1456582	37.574	ng		98
80) Butylbenzylphthalate	13.46	149	632585	38.279	ng		97
81) Benzo(a)anthracene	14.03	228	1122614	37.242	ng		96
82) 3,3'-Dichlorobenzidine	13.99	252	331629	30.947	ng		99
83) Chrysene	14.07	228	1149631	37.991	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	816474	39.886	ng	#	98
85) Di-n-octyl phthalate	14.63	149	1331268	40.874	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	904099	35.167	ng		99
88) Benzo(b)fluoranthene	15.08	252	1032789	48.125	ng		100
89) Benzo(k)fluoranthene	15.12	252	944005	49.339	ng		97
90) Benzo(a)pyrene	15.45	252	892754	48.401	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	772351	47.697	ng		99
92) Benzo(g,h,i)perylene	17.43	276	746243	46.208	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115588.D
Acq On : 16 Jul 2019 10:53
Operator : HP/JU
Sample : PB121214BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 16 16:54:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Manual Integrations APPROVED
mohammad
7/17/2019 12:05:30 PM