Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115742.D
Acq On : 24 Jul 2019 9:51
Operator : HP/JU
Sample : PB121641BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Manual Integrations APPROVED
mohammad
7/25/2019 2:17:22 PM

Quant Time: Jul 24 16:48:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	147116	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	590006	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	297679	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	571903	20.00	ng	0.00
76) Chrysene-d12	14.04	240	417102	20.00	ng	0.00
87) Perylene-d12	15.50	264	345390	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	729586	81.12	ng	0.00
7) Phenol-d6	6.50	99	927731	81.29	ng	0.00
23) Nitrobenzene-d5	7.43	82	859332	84.69	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	272714	78.49	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1539829	90.54	ng	0.00
79) Terphenyl-d14	12.98	244	1706296	75.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.76	88	170122	37.920	ng	99
3) Pyridine	3.50	79	427336	35.108	ng	100
4) n-Nitrosodimethylamine	3.45	42	182535	41.337	ng	97
6) Aniline	6.53	93	446374	28.106	ng	98
8) 2-Chlorophenol	6.66	128	418672	40.488	ng	98
9) Benzaldehyde	6.42	77	170189	23.864	ng	95
10) Phenol	6.52	94	537114	40.542	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	396463	39.306	ng	98
12) 1,3-Dichlorobenzene	6.82	146	440693	37.905	ng	99
13) 1,4-Dichlorobenzene	6.89	146	445682	38.421	ng	98
14) 1,2-Dichlorobenzene	7.05	146	416134	39.243	ng	99
15) Benzyl Alcohol	7.02	79	358232	39.570	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	532160	40.074	ng	98
17) 2-Methylphenol	7.13	107	363200	40.757	ng	98
18) Hexachloroethane	7.39	117	164264	38.152	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	284580	38.235	ng	98
20) 3+4-Methylphenols	7.28	107	418571	39.543	ng	91
22) Acetophenone	7.28	105	567927	42.608	ng	97
24) Nitrobenzene	7.45	77	457827	41.833	ng	98
25) Isophorone	7.69	82	824640	40.615	ng	99
26) 2-Nitrophenol	7.77	139	232861	41.337	ng	94
27) 2,4-Dimethylphenol	7.80	122	381809	45.299	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	515864	41.415	ng	99
29) 2,4-Dichlorophenol	8.02	162	366723	41.836	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	390308	39.391	ng	98
31) Naphthalene	8.17	128	1204238	42.144	ng	99
32) Benzoic acid	7.94	122	247139	35.729	ng	96
33) 4-Chloroaniline	8.22	127	323578	25.565	ng	98
34) Hexachlorobutadiene	8.30	225	220291	38.769	ng	98
35) Caprolactam	8.59	113	114209m	42.163	ng	
36) 4-Chloro-3-methylphenol	8.71	107	382901	42.111	ng	99
37) 2-Methylnaphthalene	8.87	142	816894	43.129	ng	99
38) 1-Methylnaphthalene	8.97	142	758310	42.150	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	374435	41.770	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115742.D
Acq On : 24 Jul 2019 9:51
Operator : HP/JU
Sample : PB121641BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Manual Integrations APPROVED
mohammad
7/25/2019 2:17:22 PM

Quant Time: Jul 24 16:48:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	319887	62.557 ng	100
43) 2,4,6-Trichlorophenol	9.15	196	252808	38.565 ng	98
44) 2,4,5-Trichlorophenol	9.19	196	269680	40.170 ng	97
46) 1,1'-Biphenyl	9.33	154	978184	42.032 ng	99
47) 2-Chloronaphthalene	9.36	162	781576	40.334 ng	99
48) 2-Nitroaniline	9.45	65	241064	40.193 ng	96
49) Acenaphthylene	9.77	152	1203172	41.903 ng	99
50) Dimethylphthalate	9.63	163	902784	40.309 ng	99
51) 2,6-Dinitrotoluene	9.69	165	204343	40.148 ng	91
52) Acenaphthene	9.95	154	723857	39.048 ng	99
53) 3-Nitroaniline	9.86	138	157355	27.054 ng	96
54) 2,4-Dinitrophenol	9.97	184	200413	76.694 ng	97
55) Dibenzofuran	10.12	168	1076622	40.896 ng	98
56) 4-Nitrophenol	10.03	139	317162	71.509 ng	93
57) 2,4-Dinitrotoluene	10.10	165	270850	41.075 ng	88
58) Fluorene	10.46	166	803092	42.673 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	234010	41.698 ng	99
60) Diethylphthalate	10.33	149	868314	41.379 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	416455	39.903 ng	96
62) 4-Nitroaniline	10.47	138	216472	38.800 ng	99
63) Azobenzene	10.61	77	888719	43.663 ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	135791	38.863 ng	90
66) n-Nitrosodiphenylamine	10.57	169	726618	40.845 ng	99
67) 4-Bromophenyl-phenylether	10.94	248	257319	39.373 ng	98
68) Hexachlorobenzene	11.02	284	284776	38.156 ng	97
69) Atrazine	11.09	200	238846	40.926 ng	97
70) Pentachlorophenol	11.20	266	316248	69.279 ng	99
71) Phenanthrene	11.42	178	1196458	40.814 ng	100
72) Anthracene	11.47	178	1241149	40.967 ng	99
73) Carbazole	11.63	167	1110732	41.808 ng	98
74) Di-n-butylphthalate	11.95	149	1372682	41.946 ng	99
75) Fluoranthene	12.61	202	1282221	41.391 ng	97
77) Benzidine	12.72	184	436980	29.574 ng	100
78) Pyrene	12.84	202	1301460	36.828 ng	100
80) Butylbenzylphthalate	13.45	149	603658	40.071 ng	97
81) Benzo(a)anthracene	14.03	228	1106368	40.263 ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	341344	34.943 ng	100
83) Chrysene	14.06	228	1079363	39.129 ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	834974	44.746 ng	100
85) Di-n-octyl phthalate	14.62	149	1377939	46.411 ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	911955	38.913 ng	99
88) Benzo(b)fluoranthene	15.07	252	1054975	47.435 ng	100
89) Benzo(k)fluoranthene	15.10	252	919635	46.380 ng	99
90) Benzo(a)pyrene	15.44	252	920328	48.146 ng	100
91) Dibenzo(a,h)anthracene	17.00	278	766957	45.703 ng	98
92) Benzo(g,h,i)perylene	17.43	276	735597	43.952 ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115742.D
Acq On : 24 Jul 2019 9:51
Operator : HP/JU
Sample : PB121641BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 24 16:48:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Manual Integrations APPROVED
mohammad
7/25/2019 2:17:22 PM