Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123132.D
Acq On : 5 Feb 2021 13:12
Operator : JU/CG
Sample : PB134481BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134481BS

Manual Integrations APPROVED
mohammad
2/8/2021 12:18:11 PM

Quant Time: Feb 05 13:31:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	224670	20.00	ng		0.00
21) Naphthalene-d8	8.180	136	862163	20.00	ng		0.00
39) Acenaphthene-d10	9.945	164	475012	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	883885	20.00	ng		0.00
76) Chrysene-d12	14.092	240	737619	20.00	ng		0.00
86) Perylene-d12	15.580	264	607376	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1648952	113.22	ng		0.02
7) Phenol-d6	6.528	99	2134000	108.09	ng		0.01
23) Nitrobenzene-d5	7.463	82	1236399	72.17	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	693573	134.50	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2324628	72.75	ng		0.00
79) Terphenyl-d14	13.027	244	2818103	75.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.798	88	278676	38.46	ng		96
3) Pyridine	3.545	79	760716	39.25	ng		96
4) n-Nitrosodimethylamine	3.498	42	328310	40.26	ng		97
6) Aniline	6.563	93	706000	29.06	ng		100
8) 2-Chlorophenol	6.686	128	700282	44.36	ng		99
9) Benzaldehyde	6.445	77	243310	26.96	ng		98
10) Phenol	6.545	94	870863	44.48	ng		93
11) bis(2-Chloroethyl)ether	6.633	93	684831	42.03	ng		99
12) 1,3-Dichlorobenzene	6.839	146	770862	41.87	ng		98
13) 1,4-Dichlorobenzene	6.916	146	773119	40.32	ng		99
14) 1,2-Dichlorobenzene	7.069	146	720649	40.17	ng		98
15) Benzyl Alcohol	7.039	79	553763	40.01	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	946977	37.69	ng		98
17) 2-Methylphenol	7.151	107	636322	47.37	ng		98
18) Hexachloroethane	7.410	117	288258	42.92	ng		95
19) n-Nitroso-di-n-propyla...	7.316	70	488673	41.16	ng		98
20) 3+4-Methylphenols	7.298	107	704124	44.50	ng		93
22) Acetophenone	7.304	105	935473	41.64	ng	#	94
24) Nitrobenzene	7.481	77	767157	43.46	ng		100
25) Isophorone	7.722	82	1389737	44.29	ng		100
26) 2-Nitrophenol	7.792	139	385727	52.85	ng		99
27) 2,4-Dimethylphenol	7.833	122	682353	51.81	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	867838	40.53	ng		100
29) 2,4-Dichlorophenol	8.039	162	618966	44.94	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	664135	42.80	ng		99
31) Naphthalene	8.204	128	2030279	42.93	ng		99
32) Benzoic acid	7.963	122	451930	43.15	ng		99
33) 4-Chloroaniline	8.245	127	534242	25.45	ng		98
34) Hexachlorobutadiene	8.322	225	387758	43.26	ng		99
35) Caprolactam	8.627	113	197423m	42.41	ng		
36) 4-Chloro-3-methylphenol	8.733	107	672833	46.98	ng		95
37) 2-Methylnaphthalene	8.898	142	1371783	43.69	ng		99
38) 1-Methylnaphthalene	8.998	142	1274136	42.86	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	644172	43.59	ng		99
41) Hexachlorocyclopentadiene	9.051	237	682146	97.25	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	460341	45.44	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123132.D
Acq On : 5 Feb 2021 13:12
Operator : JU/CG
Sample : PB134481BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134481BS

Manual Integrations APPROVED
mohammad
2/8/2021 12:18:11 PM

Quant Time: Feb 05 13:31:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	476629	44.99	ng		98
46) 1,1'-Biphenyl	9.363	154	1657576	42.54	ng		99
47) 2-Chloronaphthalene	9.386	162	1329959	40.78	ng		100
48) 2-Nitroaniline	9.480	65	422586	42.75	ng		87
49) Acenaphthylene	9.810	152	2022190	42.36	ng		100
50) Dimethylphthalate	9.669	163	1602853	43.01	ng		100
51) 2,6-Dinitrotoluene	9.727	165	366974	46.22	ng		97
52) Acenaphthene	9.980	154	1427300	46.55	ng		99
53) 3-Nitroaniline	9.892	138	262401	27.95	ng		90
54) 2,4-Dinitrophenol	10.004	184	372430	100.65	ng		95
55) Dibenzofuran	10.151	168	1848920	41.44	ng		99
56) 4-Nitrophenol	10.063	139	603078	88.87	ng		97
57) 2,4-Dinitrotoluene	10.133	165	496187	48.06	ng		95
58) Fluorene	10.498	166	1427282	40.04	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	421773	46.95	ng		96
60) Diethylphthalate	10.369	149	1586955	43.30	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	700368	41.82	ng		97
62) 4-Nitroaniline	10.516	138	369049	39.13	ng		98
63) Azobenzene	10.645	77	1472952	41.08	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	260544	52.84	ng		90
66) n-Nitrosodiphenylamine	10.604	169	1307226	41.03	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	477981	42.46	ng		100
68) Hexachlorobenzene	11.045	284	517519	42.86	ng		99
69) Atrazine	11.133	200	365803	41.58	ng		99
70) Pentachlorophenol	11.239	266	625739	95.63	ng		98
71) Phenanthrene	11.463	178	2173240	39.59	ng		99
72) Anthracene	11.516	178	2209244	41.95	ng		100
73) Carbazole	11.668	167	1984246	40.60	ng		100
74) Di-n-butylphthalate	11.998	149	2424475	41.84	ng		100
75) Fluoranthene	12.657	202	2299108	41.90	ng		99
77) Benzidine	12.774	184	700204	41.95	ng		99
78) Pyrene	12.886	202	2315629	41.58	ng		99
80) Butylbenzylphthalate	13.504	149	1063250	44.38	ng		100
81) Benzo(a)anthracene	14.080	228	2116747	42.40	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	672291	42.79	ng		98
83) Chrysene	14.121	228	2084059	41.71	ng		98
84) Bis(2-ethylhexyl)phtha...	14.068	149	1454250	45.68	ng	#	97
85) Di-n-octyl phthalate	14.686	149	2490371	46.58	ng		100
87) Indeno(1,2,3-cd)pyrene	17.092	276	1977870	48.90	ng		99
88) Benzo(b)fluoranthene	15.145	252	2249577	51.31	ng		99
89) Benzo(k)fluoranthene	15.180	252	1874713	46.02	ng		99
90) Benzo(a)pyrene	15.521	252	1810839	47.03	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	1658088	49.81	ng		99
92) Benzo(g,h,i)perylene	17.550	276	1584294	49.11	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123132.D
Acq On : 5 Feb 2021 13:12
Operator : JU/CG
Sample : PB134481BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 05 13:31:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB134481BS

Manual Integrations APPROVED
mohammad
2/8/2021 12:18:11 PM