Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123176.D
Acq On : 10 Feb 2021 18:23
Operator : JU/CG
Sample : M1347-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-020921MSD

Manual Integrations APPROVED
mohammad
2/11/2021 9:46:26 AM

Quant Time: Feb 11 01:35:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 01:29:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	158791	20.00	ng		-0.01
21) Naphthalene-d8	8.169	136	609863	20.00	ng		-0.01
39) Acenaphthene-d10	9.927	164	320504	20.00	ng		-0.01
64) Phenanthrene-d10	11.416	188	548208	20.00	ng		-0.02
76) Chrysene-d12	14.068	240	349304	20.00	ng		-0.02
86) Perylene-d12	15.556	264	383040	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1189261	115.53	ng		0.00
7) Phenol-d6	6.516	99	1513456	108.47	ng		0.00
23) Nitrobenzene-d5	7.451	82	969229	79.98	ng		-0.01
42) 2,4,6-Tribromophenol	10.721	330	416055	119.58	ng		-0.01
45) 2-Fluorobiphenyl	9.245	172	1754481	81.38	ng		-0.02
79) Terphenyl-d14	13.010	244	1519525	85.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	172326	33.65	ng		98
3) Pyridine	3.434	79	486896	35.55	ng		97
4) n-Nitrosodimethylamine	3.381	42	238110	41.31	ng		91
6) Aniline	6.545	93	405074	23.59	ng		99
8) 2-Chlorophenol	6.669	128	538247	48.24	ng		99
9) Benzaldehyde	6.428	77	229167	35.92	ng		97
10) Phenol	6.528	94	668179	48.29	ng		92
11) bis(2-Chloroethyl)ether	6.616	93	495538	43.03	ng		98
12) 1,3-Dichlorobenzene	6.828	146	569346	43.75	ng		99
13) 1,4-Dichlorobenzene	6.904	146	574980	42.43	ng		100
14) 1,2-Dichlorobenzene	7.051	146	556437	43.89	ng		97
15) Benzyl Alcohol	7.022	79	431213	44.08	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	653039	36.78	ng		98
17) 2-Methylphenol	7.133	107	457520	48.19	ng		97
18) Hexachloroethane	7.398	117	203340	42.84	ng		98
19) n-Nitroso-di-n-propyla...	7.298	70	356822	42.53	ng		97
20) 3+4-Methylphenols	7.286	107	528247	47.23	ng		97
22) Acetophenone	7.292	105	693106	43.62	ng	#	97
24) Nitrobenzene	7.469	77	561520	44.97	ng		99
25) Isophorone	7.704	82	988532	44.53	ng		99
26) 2-Nitrophenol	7.780	139	270596	52.41	ng		98
27) 2,4-Dimethylphenol	7.816	122	448906	48.19	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	619780	40.92	ng		100
29) 2,4-Dichlorophenol	8.027	162	453890	46.59	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	487429	44.41	ng		99
31) Naphthalene	8.192	128	1488878	44.51	ng		99
32) Benzoic acid	7.904	122	61364m	12.25	ng		
33) 4-Chloroaniline	8.233	127	253196	17.05	ng		98
34) Hexachlorobutadiene	8.310	225	291525	45.98	ng		99
35) Caprolactam	8.610	113	139937m	42.50	ng		
36) 4-Chloro-3-methylphenol	8.722	107	495972	48.96	ng		96
37) 2-Methylnaphthalene	8.886	142	1006722	45.33	ng		98
38) 1-Methylnaphthalene	8.986	142	951969	45.27	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	483687	48.51	ng		99
41) Hexachlorocyclopentadiene	9.039	237	311033	65.72	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	318839	46.64	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123176.D
Acq On : 10 Feb 2021 18:23
Operator : JU/CG
Sample : M1347-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-020921MSD

Manual Integrations APPROVED
mohammad
2/11/2021 9:46:26 AM

Quant Time: Feb 11 01:35:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 01:29:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	340363	47.62	ng		98
46) 1,1'-Biphenyl	9.351	154	1200458	45.66	ng		99
47) 2-Chloronaphthalene	9.374	162	961017	43.67	ng		99
48) 2-Nitroaniline	9.469	65	307827	46.15	ng		92
49) Acenaphthylene	9.792	152	1508562	46.84	ng		100
50) Dimethylphthalate	9.651	163	1208310	48.05	ng		100
51) 2,6-Dinitrotoluene	9.710	165	261246	48.77	ng		93
52) Acenaphthene	9.963	154	894449	43.23	ng		100
53) 3-Nitroaniline	9.874	138	184792	29.17	ng		92
54) 2,4-Dinitrophenol	9.980	184	25722	16.45	ng		89
55) Dibenzofuran	10.133	168	1322531	43.93	ng		99
56) 4-Nitrophenol	10.045	139	374310	81.75	ng		98
57) 2,4-Dinitrotoluene	10.116	165	350380	50.30	ng		96
58) Fluorene	10.480	166	1029879	42.82	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	251747	41.53	ng		97
60) Diethylphthalate	10.351	149	1124583	45.48	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	507793	44.94	ng		99
62) 4-Nitroaniline	10.492	138	250449	39.35	ng		99
63) Azobenzene	10.627	77	1030563	42.59	ng		98
65) 4,6-Dinitro-2-methylph...	10.521	198	37269	16.02	ng		91
66) n-Nitrosodiphenylamine	10.586	169	939329	47.54	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	331764	47.52	ng		94
68) Hexachlorobenzene	11.033	284	359293	47.98	ng		95
69) Atrazine	11.116	200	241840	44.32	ng		100
70) Pentachlorophenol	11.221	266	276567	68.15	ng		98
71) Phenanthrene	11.445	178	1511967	44.41	ng		99
72) Anthracene	11.498	178	1522521	46.61	ng		99
73) Carbazole	11.651	167	1302344	42.96	ng		99
74) Di-n-butylphthalate	11.980	149	1603078	44.60	ng		100
75) Fluoranthene	12.639	202	1580243	46.44	ng		98
77) Benzidine	12.757	184	414632	52.46	ng	#	95
78) Pyrene	12.868	202	1539092	58.37	ng		99
80) Butylbenzylphthalate	13.486	149	560336	49.38	ng		96
81) Benzo(a)anthracene	14.062	228	1335163	56.48	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	228423	30.70	ng		97
83) Chrysene	14.098	228	1258970	53.21	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	708428	46.99	ng		99
85) Di-n-octyl phthalate	14.662	149	1138302	44.96	ng		100
87) Indeno(1,2,3-cd)pyrene	17.068	276	1533325	60.11	ng		99
88) Benzo(b)fluoranthene	15.121	252	1537775	55.62	ng		100
89) Benzo(k)fluoranthene	15.151	252	1172409	45.64	ng		98
90) Benzo(a)pyrene	15.498	252	1316309	54.21	ng		100
91) Dibenzo(a,h)anthracene	17.086	278	1185167	56.45	ng		98
92) Benzo(g,h,i)perylene	17.521	276	1261218	61.99	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123176.D
Acq On : 10 Feb 2021 18:23
Operator : JU/CG
Sample : M1347-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 11 01:35:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 01:29:27 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OR-03-020921MSD

Manual Integrations APPROVED
mohammad
2/11/2021 9:46:26 AM