Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126286.D
Acq On : 20 Dec 2021 19:18
Operator : JU/CG
Sample : M5083-11MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BB4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

Quant Time: Dec 21 05:11:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	142154	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	526724	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	206181	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	314454	20.000	ng	#	0.00
76) Chrysene-d12	14.016	240	163611	20.000	ng		0.05
86) Perylene-d12	15.451	264	259599	20.000	ng	#	0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1092022	113.128	ng		0.02
7) Phenol-d6	6.451	99	1327346	108.295	ng		0.00
23) Nitrobenzene-d5	7.381	82	815737	83.876	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	182722	110.275	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	949397	80.761	ng		0.00
79) Terphenyl-d14	12.939	244	766209	81.398	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	225910	47.944	ng	#	100
3) Pyridine	3.346	79	492545	39.362	ng	#	79
4) n-Nitrosodimethylamine	3.293	42	252827	52.571	ng	#	1
6) Aniline	6.481	93	435067	27.945	ng		96
8) 2-Chlorophenol	6.604	128	478202	48.852	ng		90
9) Benzaldehyde	6.363	77	347181	46.940	ng		94
10) Phenol	6.463	94	645791	46.938	ng		90
11) bis(2-Chloroethyl)ether	6.551	93	524259	49.091	ng		95
12) 1,3-Dichlorobenzene	6.757	146	465630	47.155	ng		97
13) 1,4-Dichlorobenzene	6.840	146	466891	46.822	ng		97
14) 1,2-Dichlorobenzene	6.987	146	448992	48.699	ng		95
15) Benzyl Alcohol	6.957	79	397912	44.471	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	812345	46.482	ng		94
17) 2-Methylphenol	7.075	107	372743	43.467	ng		97
18) Hexachloroethane	7.334	117	176676	45.044	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	317501	42.196	ng	#	73
20) 3+4-Methylphenols	7.222	107	425694	41.991	ng	#	79
22) Acetophenone	7.228	105	609140	50.250	ng		96
24) Nitrobenzene	7.398	77	491561	50.631	ng		90
25) Isophorone	7.640	82	862489	46.962	ng	#	87
26) 2-Nitrophenol	7.716	139	221966	50.716	ng	#	82
27) 2,4-Dimethylphenol	7.757	122	389064	52.345	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	557122	46.139	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	302081	45.722	ng		93
30) 1,2,4-Trichlorobenzene	8.045	180	321617	47.062	ng		98
31) Naphthalene	8.122	128	1207203	49.009	ng		99
32) Benzoic acid	7.869	122	277268	43.301	ng		91
33) 4-Chloroaniline	8.169	127	137509	13.370	ng		97
34) Hexachlorobutadiene	8.245	225	162507	48.418	ng		99
35) Caprolactam	8.534	113	103480m	63.022	ng		
36) 4-Chloro-3-methylphenol	8.651	107	339731	43.592	ng		87
37) 2-Methylnaphthalene	8.816	142	718096	47.338	ng		96
38) 1-Methylnaphthalene	8.916	142	650167	44.164	ng		95
40) 1,2,4,5-Tetrachloroben...	8.981	216	243362	54.688	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	108740	42.673	ng		91
43) 2,4,6-Trichlorophenol	9.092	196	169615	48.454	ng		93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126286.D
Acq On : 20 Dec 2021 19:18
Operator : JU/CG
Sample : M5083-11MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BB4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

Quant Time: Dec 21 05:11:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	172248	47.516	ng		96
46) 1,1'-Biphenyl	9.281	154	813195	53.341	ng		96
47) 2-Chloronaphthalene	9.304	162	567986	49.518	ng		99
48) 2-Nitroaniline	9.392	65	210717	50.331	ng		87
49) Acenaphthylene	9.716	152	1195480	68.208	ng		97
50) Dimethylphthalate	9.581	163	642639	49.204	ng		99
51) 2,6-Dinitrotoluene	9.639	165	136530	48.297	ng		92
52) Acenaphthene	9.892	154	1051312	92.494	ng		98
53) 3-Nitroaniline	9.804	138	107313	29.867	ng	#	81
54) 2,4-Dinitrophenol	9.910	184	58624	50.365	ng	#	83
55) Dibenzofuran	10.063	168	773250	49.967	ng		97
56) 4-Nitrophenol	9.963	139	263671	101.593	ng	#	76
57) 2,4-Dinitrotoluene	10.039	165	193063	53.539	ng	#	94
58) Fluorene	10.404	166	718707	64.152	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	126483	47.058	ng	#	98
60) Diethylphthalate	10.281	149	610434	46.509	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	219725	43.560	ng		94
62) 4-Nitroaniline	10.416	138	130816	43.402	ng	#	73
63) Azobenzene	10.557	77	694136	43.663	ng		83
65) 4,6-Dinitro-2-methylph...	10.445	198	38441	22.387	ng		87
66) n-Nitrosodiphenylamine	10.516	169	477114	47.277	ng		90
67) 4-Bromophenyl-phenylether	10.886	248	139544	47.284	ng		90
68) Hexachlorobenzene	10.957	284	151509	44.637	ng	#	84
69) Atrazine	11.045	200	134119	72.519	ng		98
70) Pentachlorophenol	11.151	266	178252	94.662	ng		92
71) Phenanthrene	11.369	178	1354832	83.477	ng		96
72) Anthracene	11.422	178	1505255	92.403	ng		98
73) Carbazole	11.575	167	887005	57.819	ng		100
74) Di-n-butylphthalate	11.910	149	948590	48.776	ng		99
75) Fluoranthene	12.616	202	11727121	801.975	ng		90
77) Benzidine	12.710	184	288506	111.850	ng		98
78) Pyrene	12.845	202	8803579	585.683	ng	#	87
80) Butylbenzylphthalate	13.410	149	407497	57.610	ng	#	80
81) Benzo(a)anthracene	14.004	228	4156007	428.833	ng		95
82) 3,3'-Dichlorobenzidine	13.957	252	217814	49.195	ng	#	95
83) Chrysene	14.039	228	2612854m	259.486	ng		
84) Bis(2-ethylhexyl)phtha...	13.974	149	491176	62.141	ng		99
85) Di-n-octyl phthalate	14.580	149	1097996	77.924	ng		100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1287367	74.347	ng		94
88) Benzo(b)fluoranthene	15.051	252	4536770m	290.854	ng		
89) Benzo(k)fluoranthene	15.074	252	940680m	63.042	ng		
90) Benzo(a)pyrene	15.410	252	2275840	175.551	ng		99
91) Dibenzo(a,h)anthracene	16.910	278	717270	50.957	ng		98
92) Benzo(g,h,i)perylene	17.327	276	1035807	71.123	ng		94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126286.D
Acq On : 20 Dec 2021 19:18
Operator : JU/CG
Sample : M5083-11MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 21 05:11:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BB4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021