Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126329.D
Acq On : 22 Dec 2021 14:59
Operator : JU/CG
Sample : PB141608BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 22 16:32:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141608BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	152210	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	650052	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	294842	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	422145	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	222830	20.000	ng		0.00
86) Perylene-d12	15.427	264	257276	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	1220293	118.065	ng		0.01
7) Phenol-d6	6.451	99	1549462	118.065	ng		0.00
23) Nitrobenzene-d5	7.380	82	1014684	84.539	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	278203	117.411	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1335920	79.468	ng		0.00
79) Terphenyl-d14	12.927	244	994006	77.534	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	208968	41.419	ng	#	100
3) Pyridine	3.351	79	466205	34.796	ng	#	77
4) n-Nitrosodimethylamine	3.304	42	245756	47.725	ng	#	2
6) Aniline	6.481	93	559014	33.534	ng		96
8) 2-Chlorophenol	6.604	128	513897	49.030	ng		91
9) Benzaldehyde	6.363	77	370276	46.755	ng		94
10) Phenol	6.463	94	644948	43.780	ng		94
11) bis(2-Chloroethyl)ether	6.557	93	546775	47.816	ng		98
12) 1,3-Dichlorobenzene	6.757	146	487074	46.068	ng		96
13) 1,4-Dichlorobenzene	6.833	146	491618	46.045	ng		95
14) 1,2-Dichlorobenzene	6.986	146	472030	47.815	ng		95
15) Benzyl Alcohol	6.963	79	414553	43.269	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	878873	46.966	ng		92
17) 2-Methylphenol	7.075	107	411986	44.869	ng		98
18) Hexachloroethane	7.333	117	198279	47.212	ng		96
19) n-Nitroso-di-n-propyla...	7.239	70	353254	43.846	ng	#	71
20) 3+4-Methylphenols	7.228	107	457402	42.138	ng	#	73
22) Acetophenone	7.228	105	665434	44.479	ng	#	93
24) Nitrobenzene	7.398	77	552324	46.096	ng		89
25) Isophorone	7.639	82	995722	43.931	ng	#	87
26) 2-Nitrophenol	7.716	139	261639	48.439	ng	#	83
27) 2,4-Dimethylphenol	7.757	122	443178	48.314	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	656449	44.051	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	362373	44.442	ng		91
30) 1,2,4-Trichlorobenzene	8.045	180	378159	44.837	ng		97
31) Naphthalene	8.122	128	1383632	45.514	ng		99
32) Benzoic acid	7.886	122	274488	34.734	ng		97
33) 4-Chloroaniline	8.169	127	149384	11.769	ng		97
34) Hexachlorobutadiene	8.245	225	186900	45.121	ng		100
35) Caprolactam	8.545	113	130456m	64.378	ng		
36) 4-Chloro-3-methylphenol	8.657	107	430012	44.708	ng		89
37) 2-Methylnaphthalene	8.816	142	873443	46.654	ng		96
38) 1-Methylnaphthalene	8.916	142	795607	43.791	ng		96
40) 1,2,4,5-Tetrachloroben...	8.980	216	288998	45.415	ng	#	95
41) Hexachlorocyclopentadiene	8.975	237	343587	94.288	ng		96
43) 2,4,6-Trichlorophenol	9.092	196	209717	41.895	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126329.D
Acq On : 22 Dec 2021 14:59
Operator : JU/CG
Sample : PB141608BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 22 16:32:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141608BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	219472	42.337	ng		95
46) 1,1'-Biphenyl	9.280	154	992328	45.518	ng		97
47) 2-Chloronaphthalene	9.304	162	719678	43.876	ng		97
48) 2-Nitroaniline	9.398	65	261171	43.623	ng		93
49) Acenaphthylene	9.722	152	1116290	44.538	ng		98
50) Dimethylphthalate	9.580	163	807577	43.240	ng		98
51) 2,6-Dinitrotoluene	9.639	165	180316	44.605	ng	#	81
52) Acenaphthene	9.892	154	772968	47.556	ng		97
53) 3-Nitroaniline	9.804	138	105185	20.472	ng	#	74
54) 2,4-Dinitrophenol	9.916	184	158271	95.086	ng	#	84
55) Dibenzofuran	10.063	168	951574	43.000	ng		99
56) 4-Nitrophenol	9.969	139	280354	75.538	ng	#	77
57) 2,4-Dinitrotoluene	10.045	165	233246	45.232	ng	#	96
58) Fluorene	10.404	166	665436	41.536	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	167096	43.473	ng	#	97
60) Diethylphthalate	10.280	149	784148	41.779	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	292403	40.537	ng		95
62) 4-Nitroaniline	10.421	138	180749	41.935	ng	#	73
63) Azobenzene	10.557	77	946756	41.645	ng		85
65) 4,6-Dinitro-2-methylph...	10.451	198	103183	44.762	ng		91
66) n-Nitrosodiphenylamine	10.516	169	619057	45.693	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	186332	47.031	ng		94
68) Hexachlorobenzene	10.951	284	214823	47.145	ng		92
69) Atrazine	11.045	200	177841	71.629	ng		97
70) Pentachlorophenol	11.145	266	206148	81.549	ng		93
71) Phenanthrene	11.368	178	972368	44.628	ng		99
72) Anthracene	11.416	178	1016524	46.482	ng		99
73) Carbazole	11.568	167	866987	42.097	ng		100
74) Di-n-butylphthalate	11.904	149	1118438	42.838	ng		100
75) Fluoranthene	12.551	202	839334	42.756	ng		92
77) Benzidine	12.674	184	292624	83.297	ng		97
78) Pyrene	12.780	202	840571	41.060	ng		95
80) Butylbenzylphthalate	13.404	149	389893	40.472	ng		88
81) Benzo(a)anthracene	13.968	228	561241	42.521	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	139946	23.208	ng	#	98
83) Chrysene	14.004	228	609416	44.438	ng		98
84) Bis(2-ethylhexyl)phtha...	13.962	149	456485	42.404	ng		100
85) Di-n-octyl phthalate	14.574	149	907972	47.313	ng		98
87) Indeno(1,2,3-cd)pyrene	16.862	276	855011	49.824	ng		93
88) Benzo(b)fluoranthene	15.009	252	708693	45.845	ng		98
89) Benzo(k)fluoranthene	15.039	252	681697	46.098	ng	#	97
90) Benzo(a)pyrene	15.368	252	709195	55.199	ng	#	96
91) Dibenzo(a,h)anthracene	16.886	278	732337	52.497	ng		95
92) Benzo(g,h,i)perylene	17.297	276	717912	49.740	ng		93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126329.D
Acq On : 22 Dec 2021 14:59
Operator : JU/CG
Sample : PB141608BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 22 16:32:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141608BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021