Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126343.D
Acq On : 23 Dec 2021 14:35
Operator : JU/CG
Sample : M5187-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-10-40MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 27 06:49:36 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	139472	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	591808	20.000	ng	#	0.00
39) Acenaphthene-d10	9.851	164	263777	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	393609	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	213589	20.000	ng		0.00
86) Perylene-d12	15.427	264	247160	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	863664	91.192	ng		0.00
7) Phenol-d6	6.445	99	1229944	102.278	ng		0.00
23) Nitrobenzene-d5	7.375	82	788076	72.121	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	221566	104.521	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1047061	69.620	ng		0.00
79) Terphenyl-d14	12.922	244	706513	57.494	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	192472	41.633	ng	#	100
3) Pyridine	3.346	79	401950	32.740	ng	#	79
4) n-Nitrosodimethylamine	3.299	42	215305	45.630	ng	#	2
6) Aniline	6.475	93	475947	31.158	ng		96
8) 2-Chlorophenol	6.598	128	487212	50.729	ng		89
9) Benzaldehyde	6.363	77	348967	48.089	ng		94
10) Phenol	6.457	94	653562	48.416	ng		93
11) bis(2-Chloroethyl)ether	6.551	93	509837	48.658	ng		98
12) 1,3-Dichlorobenzene	6.757	146	471127	48.629	ng		98
13) 1,4-Dichlorobenzene	6.834	146	472138	48.259	ng		96
14) 1,2-Dichlorobenzene	6.987	146	453979	50.187	ng		97
15) Benzyl Alcohol	6.957	79	405497	46.190	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.092	45	827226	48.244	ng		93
17) 2-Methylphenol	7.069	107	392542	46.656	ng		99
18) Hexachloroethane	7.328	117	187155	48.633	ng		93
19) n-Nitroso-di-n-propyla...	7.234	70	330311	44.743	ng	#	72
20) 3+4-Methylphenols	7.222	107	444703	44.709	ng	#	76
22) Acetophenone	7.222	105	635067	46.627	ng	#	92
24) Nitrobenzene	7.398	77	526061	48.225	ng		93
25) Isophorone	7.640	82	950689	46.072	ng	#	89
26) 2-Nitrophenol	7.716	139	247103	50.250	ng	#	87
27) 2,4-Dimethylphenol	7.751	122	427402	51.180	ng		94
28) bis(2-Chloroethoxy)met...	7.851	93	623384	45.949	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	347519	46.815	ng		95
30) 1,2,4-Trichlorobenzene	8.039	180	356742	46.461	ng		99
31) Naphthalene	8.122	128	1319186	47.665	ng		98
32) Benzoic acid	7.881	122	252019	35.030	ng		89
33) 4-Chloroaniline	8.163	127	117444	10.163	ng		97
34) Hexachlorobutadiene	8.239	225	179768	47.670	ng		99
35) Caprolactam	8.539	113	127064m	68.875	ng		
36) 4-Chloro-3-methylphenol	8.651	107	410524	46.883	ng		89
37) 2-Methylnaphthalene	8.810	142	828739	48.623	ng		99
38) 1-Methylnaphthalene	8.910	142	760596	45.984	ng		95
40) 1,2,4,5-Tetrachloroben...	8.981	216	275013	48.307	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	324633	99.578	ng		93
43) 2,4,6-Trichlorophenol	9.092	196	199269	44.496	ng		92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126343.D
Acq On : 23 Dec 2021 14:35
Operator : JU/CG
Sample : M5187-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 27 06:49:36 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 :
SASP2-119-1-10-40MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	215085	46.378	ng	#	92
46) 1,1'-Biphenyl	9.275	154	948023	48.607	ng		96
47) 2-Chloronaphthalene	9.298	162	697489	47.531	ng		97
48) 2-Nitroaniline	9.392	65	253614	47.350	ng		89
49) Acenaphthylene	9.716	152	1084124	48.349	ng		98
50) Dimethylphthalate	9.581	163	770350	46.104	ng		98
51) 2,6-Dinitrotoluene	9.639	165	177801	49.163	ng		94
52) Acenaphthene	9.886	154	736649m	50.659	ng		
53) 3-Nitroaniline	9.804	138	94557	20.570	ng	#	82
54) 2,4-Dinitrophenol	9.910	184	149341	100.288	ng	#	81
55) Dibenzofuran	10.063	168	909624	45.945	ng		97
56) 4-Nitrophenol	9.969	139	286392	86.253	ng		80
57) 2,4-Dinitrotoluene	10.039	165	229273	49.697	ng	#	93
58) Fluorene	10.404	166	641803	44.779	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	156468	45.503	ng	#	97
60) Diethylphthalate	10.281	149	750933	44.721	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	281393	43.604	ng		98
62) 4-Nitroaniline	10.416	138	181866	47.164	ng	#	73
63) Azobenzene	10.557	77	904975	44.496	ng		85
65) 4,6-Dinitro-2-methylph...	10.445	198	99512	46.299	ng		94
66) n-Nitrosodiphenylamine	10.516	169	599496	47.458	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	176187	47.694	ng		93
68) Hexachlorobenzene	10.951	284	209385	49.283	ng	#	87
69) Atrazine	11.039	200	177327	76.600	ng		97
70) Pentachlorophenol	11.145	266	201161	85.345	ng		92
71) Phenanthrene	11.363	178	953550	46.937	ng		97
72) Anthracene	11.416	178	1005317	49.303	ng		99
73) Carbazole	11.569	167	839659	43.726	ng		99
74) Di-n-butylphthalate	11.904	149	1064449	43.726	ng		100
75) Fluoranthene	12.551	202	786090	42.947	ng		94
77) Benzidine	12.674	184	396000	117.600	ng		99
78) Pyrene	12.780	202	780021	39.751	ng		97
80) Butylbenzylphthalate	13.404	149	385012	41.695	ng		88
81) Benzo(a)anthracene	13.969	228	568088	44.901	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	87530	15.143	ng	#	95
83) Chrysene	14.004	228	607687	46.229	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	467411	45.297	ng	#	98
85) Di-n-octyl phthalate	14.574	149	926646	50.376	ng		98
87) Indeno(1,2,3-cd)pyrene	16.868	276	837660	50.811	ng		94
88) Benzo(b)fluoranthene	15.010	252	696081	46.872	ng		97
89) Benzo(k)fluoranthene	15.039	252	664887	46.802	ng	#	96
90) Benzo(a)pyrene	15.368	252	688854	55.810	ng	#	95
91) Dibenzo(a,h)anthracene	16.886	278	702626	52.429	ng		95
92) Benzo(g,h,i)perylene	17.298	276	732879	52.855	ng		93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126343.D
Acq On : 23 Dec 2021 14:35
Operator : JU/CG
Sample : M5187-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 27 06:49:36 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 :
SASP2-119-1-10-40MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021