Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
Data File : BF130706.D
Acq On : 18 Oct 2022 19:24
Operator : CG\JU
Sample : N5172-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 19 02:41:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

10/19/2022
Supervised By :Jagrut Upadhyay

10/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.575	152	58754	20.000	ng		0.00
21) Naphthalene-d8	7.863	136	199277	20.000	ng		0.00
39) Acenaphthene-d10	9.610	164	98229	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	174895	20.000	ng		0.01
76) Chrysene-d12	13.745	240	135681	20.000	ng		0.02
86) Perylene-d12	15.115	264	102838	20.000	ng	#	0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	404792	124.188	ng		0.02
7) Phenol-d6	6.239	99	452499	110.417	ng		0.01
23) Nitrobenzene-d5	7.151	82	276810	75.830	ng		0.00
42) 2,4,6-Tribromophenol	10.404	330	125353	130.418	ng		0.00
45) 2-Fluorobiphenyl	8.939	172	472912	72.926	ng		0.00
79) Terphenyl-d14	12.686	244	604377	73.931	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.175	88	72608	36.820	ng		98
3) Pyridine	2.834	79	163406	46.325	ng		97
4) n-Nitrosodimethylamine	2.799	42	85626	51.520	ng		92
6) Aniline	6.245	93	168927	34.430	ng	#	62
8) 2-Chlorophenol	6.369	128	179249	46.763	ng		95
9) Benzaldehyde	6.128	77	82781	32.151	ng		98
10) Phenol	6.251	94	210710	44.437	ng		82
11) bis(2-Chloroethyl)ether	6.322	93	163675	47.520	ng		97
12) 1,3-Dichlorobenzene	6.516	146	197343	47.020	ng		98
13) 1,4-Dichlorobenzene	6.592	146	202751	47.619	ng		98
14) 1,2-Dichlorobenzene	6.745	146	184400	46.503	ng		97
15) Benzyl Alcohol	6.739	79	137514	46.738	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.863	45	191634	43.245	ng	#	47
17) 2-Methylphenol	6.857	107	133947	43.929	ng		94
18) Hexachloroethane	7.081	117	67375	41.828	ng		96
19) n-Nitroso-di-n-propyla...	7.004	70	114753	43.401	ng		96
20) 3+4-Methylphenols	7.016	107	173274	42.409	ng	#	79
22) Acetophenone	6.998	105	241741	50.569	ng		94
24) Nitrobenzene	7.169	77	166017	45.223	ng		99
25) Isophorone	7.410	82	294642	48.497	ng		100
26) 2-Nitrophenol	7.486	139	83296	46.268	ng		96
27) 2,4-Dimethylphenol	7.539	122	142430	56.764	ng		96
28) bis(2-Chloroethoxy)met...	7.628	93	179086	50.907	ng		99
29) 2,4-Dichlorophenol	7.739	162	122550	43.654	ng		97
30) 1,2,4-Trichlorobenzene	7.804	180	137744	45.513	ng		99
31) Naphthalene	7.886	128	1845429	178.899	ng		99
32) Benzoic acid	7.681	122	73146	46.080	ng		90
33) 4-Chloroaniline	7.945	127	111649	27.941	ng		99
34) Hexachlorobutadiene	7.998	225	90413	48.132	ng		98
35) Caprolactam	8.322	113	38795	45.931	ng		95
36) 4-Chloro-3-methylphenol	8.445	107	124836	40.995	ng		97
37) 2-Methylnaphthalene	8.575	142	903513	139.183	ng		99
38) 1-Methylnaphthalene	8.675	142	724806	115.015	ng		99
40) 1,2,4,5-Tetrachloroben...	8.739	216	126940	47.631	ng		99
41) Hexachlorocyclopentadiene	8.722	237	3278	12.778	ng		99
43) 2,4,6-Trichlorophenol	8.863	196	82075	45.866	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
Data File : BF130706.D
Acq On : 18 Oct 2022 19:24
Operator : CG\JU
Sample : N5172-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 19 02:41:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

10/19/2022
Supervised By :Jagrut Upadhyay

10/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	85849	43.625	ng		100
46) 1,1'-Biphenyl	9.039	154	466842	65.579	ng		98
47) 2-Chloronaphthalene	9.063	162	256462	44.080	ng		100
48) 2-Nitroaniline	9.169	65	80740	46.100	ng		89
49) Acenaphthylene	9.475	152	622299	71.384	ng		100
50) Dimethylphthalate	9.345	163	301371	44.321	ng		97
51) 2,6-Dinitrotoluene	9.416	165	63763	42.749	ng		87
52) Acenaphthene	9.645	154	435850	82.521	ng		99
53) 3-Nitroaniline	9.580	138	61409	37.559	ng		96
54) 2,4-Dinitrophenol	9.716	184	7895	14.715	ng	#	1
55) Dibenzofuran	9.822	168	906280	112.636	ng		96
56) 4-Nitrophenol	9.775	139	82939	92.002	ng		98
57) 2,4-Dinitrotoluene	9.828	165	91378	47.668	ng	#	78
58) Fluorene	10.169	166	1238554	187.235	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.945	232	67756	43.188	ng	#	76
60) Diethylphthalate	10.045	149	289573	42.682	ng		99
61) 4-Chlorophenyl-phenyle...	10.157	204	132154	44.189	ng		94
62) 4-Nitroaniline	10.198	138	65177	41.753	ng		96
63) Azobenzene	10.310	77	258708	40.487	ng	#	71
65) 4,6-Dinitro-2-methylph...	10.245	198	8923	8.164	ng	#	67
66) n-Nitrosodiphenylamine	10.275	169	255864m	43.980	ng		
67) 4-Bromophenyl-phenylether	10.639	248	88964	44.956	ng		98
68) Hexachlorobenzene	10.710	284	105017	46.945	ng		98
69) Atrazine	10.822	200	84694	53.462	ng		95
70) Pentachlorophenol	10.922	266	85903	98.666	ng		97
71) Phenanthrene	11.145	178	5058467	522.040	ng		97
72) Anthracene	11.180	178	1438921	152.050	ng		99
73) Carbazole	11.339	167	865520	102.496	ng		99
74) Di-n-butylphthalate	11.669	149	496324	48.521	ng		99
75) Fluoranthene	12.333	202	4282299	459.826	ng		94
77) Benzidine	12.457	184	158779	46.298	ng		99
78) Pyrene	12.563	202	4035564	344.764	ng		96
80) Butylbenzylphthalate	13.163	149	235494	52.320	ng		98
81) Benzo(a)anthracene	13.733	228	1894377	207.209	ng		96
82) 3,3'-Dichlorobenzidine	13.698	252	113092	42.807	ng		99
83) Chrysene	13.774	228	1545764	178.327	ng		96
84) Bis(2-ethylhexyl)phtha...	13.721	149	335056	61.403	ng		100
85) Di-n-octyl phthalate	14.327	149	479409	57.367	ng		97
87) Indeno(1,2,3-cd)pyrene	16.433	276	726855	94.433	ng	#	94
88) Benzo(b)fluoranthene	14.745	252	1406018m	215.915	ng		
89) Benzo(k)fluoranthene	14.768	252	716595m	108.074	ng		
90) Benzo(a)pyrene	15.074	252	1121340	206.899	ng		97
91) Dibenzo(a,h)anthracene	16.433	278	364997	57.851	ng		97
92) Benzo(g,h,i)perylene	16.821	276	676769	115.169	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
Data File : BF130706.D
Acq On : 18 Oct 2022 19:24
Operator : CG\JU
Sample : N5172-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 19 02:41:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

10/19/2022
Supervised By :Jagrut Upadhyay

10/19/2022