Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141352.D
Acq On : 01 Feb 2025 00:30
Operator : RC/JU
Sample : Q1194-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 01 00:57:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	160040	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	632082	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	327389	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	478396	20.000	ng		0.00
76) Chrysene-d12	13.968	240	306959	20.000	ng		0.00
86) Perylene-d12	15.421	264	307907	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	969013	92.954	ng		0.02
7) Phenol-d6	6.445	99	1208293	91.113	ng		0.00
23) Nitrobenzene-d5	7.363	82	781915	65.213	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	276769	92.213	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1314061	61.779	ng		0.00
79) Terphenyl-d14	12.910	244	1045873	52.545	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	170887	37.273	ng		98
3) Pyridine	3.293	79	440465	39.874	ng		100
4) n-Nitrosodimethylamine	3.246	42	271271	42.988	ng		97
6) Aniline	6.463	93	364816	32.498	ng	#	20
8) 2-Chlorophenol	6.592	128	479903	42.950	ng		97
9) Benzaldehyde	6.345	77	49148	6.398	ng		98
10) Phenol	6.457	94	579286	41.207	ng		77
11) bis(2-Chloroethyl)ether	6.534	93	467010	43.327	ng		100
12) 1,3-Dichlorobenzene	6.739	146	489696	39.748	ng		99
13) 1,4-Dichlorobenzene	6.816	146	495491	40.035	ng		100
14) 1,2-Dichlorobenzene	6.969	146	474188	40.916	ng		99
15) Benzyl Alcohol	6.945	79	408281	45.050	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	760918	40.597	ng		55
17) 2-Methylphenol	7.069	107	369947	40.738	ng	#	89
18) Hexachloroethane	7.310	117	183972	40.294	ng		99
19) n-Nitroso-di-n-propyla...	7.216	70	329084	41.762	ng		98
20) 3+4-Methylphenols	7.222	107	478463	42.911	ng	#	76
22) Acetophenone	7.210	105	641459	42.694	ng	#	95
24) Nitrobenzene	7.386	77	502528	40.443	ng		98
25) Isophorone	7.622	82	892320	43.053	ng		99
26) 2-Nitrophenol	7.698	139	255094	43.531	ng		99
27) 2,4-Dimethylphenol	7.745	122	373741m	50.107	ng		
28) bis(2-Chloroethoxy)met...	7.834	93	555377	42.009	ng		99
29) 2,4-Dichlorophenol	7.951	162	391067	42.827	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	407421	39.069	ng		100
31) Naphthalene	8.104	128	1339613	40.119	ng		100
32) Benzoic acid	7.875	122	293276	42.771	ng		98
33) 4-Chloroaniline	8.151	127	99598	8.796	ng		99
34) Hexachlorobutadiene	8.222	225	237412	38.821	ng		100
35) Caprolactam	8.522	113	129509m	43.427	ng		
36) 4-Chloro-3-methylphenol	8.651	107	412298	42.094	ng		97
37) 2-Methylnaphthalene	8.792	142	875724	41.263	ng		99
38) 1-Methylnaphthalene	8.892	142	807610	38.739	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	390961	41.976	ng		99
41) Hexachlorocyclopentadiene	8.945	237	368408	133.935	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	264141	43.328	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141352.D
Acq On : 01 Feb 2025 00:30
Operator : RC/JU
Sample : Q1194-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 01 00:57:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	284388	42.861	ng	99
46) 1,1'-Biphenyl	9.263	154	1070294	41.919	ng	99
47) 2-Chloronaphthalene	9.286	162	799380	40.168	ng	99
48) 2-Nitroaniline	9.380	65	272485	43.530	ng	97
49) Acenaphthylene	9.698	152	1222120	43.870	ng	100
50) Dimethylphthalate	9.563	163	969748	43.857	ng	99
51) 2,6-Dinitrotoluene	9.628	165	211898	41.273	ng	98
52) Acenaphthene	9.875	154	917466	46.100	ng	99
53) 3-Nitroaniline	9.792	138	138426	27.509	ng	98
54) 2,4-Dinitrophenol	9.904	184	231891	97.163	ng	98
55) Dibenzofuran	10.045	168	1102981	41.404	ng	99
56) 4-Nitrophenol	9.975	139	270862	73.603	ng	98
57) 2,4-Dinitrotoluene	10.028	165	279789	42.091	ng	99
58) Fluorene	10.386	166	817762	39.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	230657	44.188	ng	99
60) Diethylphthalate	10.263	149	923514	43.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	406500	40.273	ng	100
62) 4-Nitroaniline	10.410	138	185463	37.489	ng	99
63) Azobenzene	10.539	77	946700	44.113	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	154803	54.706	ng	97
66) n-Nitrosodiphenylamine	10.498	169	738221	47.710	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	252992	47.237	ng	98
68) Hexachlorobenzene	10.933	284	255828	45.031	ng	100
69) Atrazine	11.027	200	238034	46.011	ng	99
70) Pentachlorophenol	11.133	266	276016	82.968	ng	99
71) Phenanthrene	11.351	178	1120034	43.554	ng	99
72) Anthracene	11.404	178	1134234	45.015	ng	100
73) Carbazole	11.557	167	910483	40.751	ng	99
74) Di-n-butylphthalate	11.892	149	1240476	45.813	ng	100
75) Fluoranthene	12.539	202	994575	39.170	ng	100
77) Benzidine	12.663	184	201472	20.474	ng	100
78) Pyrene	12.769	202	1010968	34.311	ng	100
80) Butylbenzylphthalate	13.392	149	424703	41.258	ng	99
81) Benzo(a)anthracene	13.957	228	859366	40.571	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	198790	29.508	ng	100
83) Chrysene	13.992	228	854492	44.017	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	557866	42.722	ng	99
85) Di-n-octyl phthalate	14.568	149	1017675	50.177	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	688611	34.650	ng	99
88) Benzo(b)fluoranthene	15.004	252	913150	47.147	ng	99
89) Benzo(k)fluoranthene	15.033	252	811049	47.270	ng	100
90) Benzo(a)pyrene	15.362	252	781518	47.750	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	561271	35.104	ng	100
92) Benzo(g,h,i)perylene	17.298	276	497253	29.910	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141352.D
Acq On : 01 Feb 2025 00:30
Operator : RC/JU
Sample : Q1194-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 01 00:57:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025