Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143471.D
Acq On : 19 Aug 2025 23:17
Operator : RC/JU
Sample : Q2888-02MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 20 01:15:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	134014	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	525401	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	295607	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	453633	20.000	ng	0.00
76) Chrysene-d12	14.086	240	236575	20.000	ng	0.00
86) Perylene-d12	15.580	264	311905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	815421	105.770	ng	0.02
7) Phenol-d6	6.569	99	963243	99.144	ng	0.01
23) Nitrobenzene-d5	7.486	82	738920	83.454	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	350593	133.248	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1402811	79.819	ng	0.00
79) Terphenyl-d14	13.027	244	1177864	83.637	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.934	88	122859	33.107	ng	# 83
3) Pyridine	3.657	79	321375	33.020	ng	95
4) n-Nitrosodimethylamine	3.575	42	177679	39.276	ng	99
6) Aniline	6.592	93	311666	23.630	ng	# 61
8) 2-Chlorophenol	6.722	128	350201	41.145	ng	97
9) Benzaldehyde	6.481	77	106488	20.603	ng	99
10) Phenol	6.581	94	395912	34.921	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	339640	40.415	ng	96
12) 1,3-Dichlorobenzene	6.875	146	377714	39.617	ng	98
13) 1,4-Dichlorobenzene	6.945	146	379091	39.826	ng	99
14) 1,2-Dichlorobenzene	7.098	146	370374	40.738	ng	99
15) Benzyl Alcohol	7.069	79	324871	45.342	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	544122	37.873	ng	81
17) 2-Methylphenol	7.186	107	286770	41.295	ng	96
18) Hexachloroethane	7.439	117	126595	39.073	ng	100
19) n-Nitroso-di-n-propyla...	7.339	70	255004	42.396	ng	96
20) 3+4-Methylphenols	7.339	107	348784	42.014	ng	94
22) Acetophenone	7.333	105	475534	42.096	ng	98
24) Nitrobenzene	7.504	77	381155	41.188	ng	99
25) Isophorone	7.745	82	720845	42.537	ng	100
26) 2-Nitrophenol	7.822	139	194694	45.384	ng	99
27) 2,4-Dimethylphenol	7.863	122	320365	44.168	ng	97
28) bis(2-Chloroethoxy)met...	7.951	93	433073	41.577	ng	99
29) 2,4-Dichlorophenol	8.069	162	321353	43.461	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	324046	42.772	ng	99
31) Naphthalene	8.233	128	1012251	40.582	ng	100
32) Benzoic acid	7.980	122	108778	28.836	ng	98
33) 4-Chloroaniline	8.275	127	171049	18.998	ng	99
34) Hexachlorobutadiene	8.351	225	198876	41.166	ng	99
35) Caprolactam	8.645	113	80765m	37.939	ng	
36) 4-Chloro-3-methylphenol	8.769	107	340180	44.671	ng	99
37) 2-Methylnaphthalene	8.922	142	643936	38.299	ng	100
38) 1-Methylnaphthalene	9.022	142	663490	41.188	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	339402	41.169	ng	98
41) Hexachlorocyclopentadiene	9.080	237	331123	107.648	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	230740	44.868	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143471.D
Acq On : 19 Aug 2025 23:17
Operator : RC/JU
Sample : Q2888-02MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 20 01:15:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	244063	44.274	ng	99
46) 1,1'-Biphenyl	9.386	154	888555	42.781	ng	99
47) 2-Chloronaphthalene	9.410	162	686253	41.858	ng	99
48) 2-Nitroaniline	9.504	65	219885	45.068	ng	94
49) Acenaphthylene	9.827	152	1109270	46.861	ng	99
50) Dimethylphthalate	9.680	163	834976	45.306	ng	100
51) 2,6-Dinitrotoluene	9.745	165	185226	50.983	ng	93
52) Acenaphthene	9.998	154	715084	44.915	ng	100
53) 3-Nitroaniline	9.916	138	118128	29.189	ng	99
54) 2,4-Dinitrophenol	10.027	184	134565	79.694	ng	96
55) Dibenzofuran	10.169	168	988001	43.018	ng	98
56) 4-Nitrophenol	10.086	139	203735	80.074	ng	99
57) 2,4-Dinitrotoluene	10.151	165	244973	50.575	ng	97
58) Fluorene	10.516	166	769412	43.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	215048	51.535	ng	99
60) Diethylphthalate	10.380	149	768397	45.118	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	384232	44.047	ng	96
62) 4-Nitroaniline	10.527	138	166680	44.040	ng	98
63) Azobenzene	10.663	77	757659	44.016	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	106411	45.463	ng	97
66) n-Nitrosodiphenylamine	10.621	169	669186	45.368	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	246812	46.075	ng	99
68) Hexachlorobenzene	11.069	284	261331	45.889	ng	96
69) Atrazine	11.145	200	203384	47.142	ng	99
70) Pentachlorophenol	11.263	266	252772	100.931	ng	98
71) Phenanthrene	11.474	178	1065798	43.387	ng	99
72) Anthracene	11.527	178	1096217	44.183	ng	99
73) Carbazole	11.680	167	886333	42.238	ng	100
74) Di-n-butylphthalate	12.004	149	974561	46.637	ng	100
75) Fluoranthene	12.663	202	918915	42.099	ng	100
77) Benzidine	12.780	184	214347	30.341	ng	98
78) Pyrene	12.892	202	895568	43.554	ng	99
80) Butylbenzylphthalate	13.498	149	276677	54.324	ng	99
81) Benzo(a)anthracene	14.080	228	696554	46.247	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	151330	34.316	ng	100
83) Chrysene	14.115	228	612820	44.011	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	375397	51.901	ng	100
85) Di-n-octyl phthalate	14.668	149	742244	50.595	ng	98
87) Indeno(1,2,3-cd)pyrene	17.103	276	1003006	42.882	ng	99
88) Benzo(b)fluoranthene	15.139	252	806405	48.239	ng	98
89) Benzo(k)fluoranthene	15.168	252	700138	42.463	ng	99
90) Benzo(a)pyrene	15.515	252	760328	47.753	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	815326	43.407	ng	100
92) Benzo(g,h,i)perylene	17.562	276	816388	43.508	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143471.D
Acq On : 19 Aug 2025 23:17
Operator : RC/JU
Sample : Q2888-02MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 20 01:15:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
08/20/2025

Supervised By :Jagrut Upadhyay
08/20/2025