Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
07/23/2025
Supervised By :Jagrut Upadhyay
07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	136589	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	529762	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	274462	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	414650	20.000	ng		0.00
76) Chrysene-d12	14.133	240	276295	20.000	ng		0.01
86) Perylene-d12	15.639	264	228694	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	716143	82.969	ng		0.01
7) Phenol-d6	6.587	99	935920	86.147	ng		0.00
23) Nitrobenzene-d5	7.522	82	613436	57.720	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	244844	86.354	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1059631	52.801	ng		0.00
79) Terphenyl-d14	13.069	244	800209	43.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	142826	34.971	ng		100
3) Pyridine	3.628	79	387513	36.555	ng		99
4) n-Nitrosodimethylamine	3.569	42	226567	41.396	ng		99
6) Aniline	6.622	93	355683	23.491	ng		95
8) 2-Chlorophenol	6.751	128	380878	42.098	ng		98
9) Benzaldehyde	6.510	77	267699	32.860	ng		99
10) Phenol	6.604	94	507938	42.917	ng		98
11) bis(2-Chloroethyl)ether	6.693	93	375500	41.437	ng		99
12) 1,3-Dichlorobenzene	6.910	146	396098	40.301	ng		98
13) 1,4-Dichlorobenzene	6.981	146	400666	40.480	ng		99
14) 1,2-Dichlorobenzene	7.134	146	385915	40.994	ng		99
15) Benzyl Alcohol	7.098	79	366706	44.206	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	695231	41.357	ng		99
17) 2-Methylphenol	7.210	107	323602	42.538	ng		99
18) Hexachloroethane	7.481	117	145589	42.489	ng		97
19) n-Nitroso-di-n-propyla...	7.375	70	282181	40.484	ng		99
20) 3+4-Methylphenols	7.363	107	396436	42.952	ng	#	81
22) Acetophenone	7.369	105	518130	41.311	ng		97
24) Nitrobenzene	7.540	77	429974	43.395	ng		98
25) Isophorone	7.781	82	793276	42.282	ng		99
26) 2-Nitrophenol	7.857	139	207791	48.321	ng		99
27) 2,4-Dimethylphenol	7.892	122	371287	42.358	ng		100
28) bis(2-Chloroethoxy)met...	7.987	93	469100	41.702	ng		100
29) 2,4-Dichlorophenol	8.098	162	316852	42.863	ng		98
30) 1,2,4-Trichlorobenzene	8.187	180	329282	41.232	ng		99
31) Naphthalene	8.269	128	1159919	44.458	ng		100
32) Benzoic acid	8.010	122	260227	52.195	ng		97
33) 4-Chloroaniline	8.310	127	114890	10.785	ng		98
34) Hexachlorobutadiene	8.392	225	197888	40.563	ng		99
35) Caprolactam	8.681	113	114441	51.232	ng		94
36) 4-Chloro-3-methylphenol	8.792	107	358269	44.590	ng		99
37) 2-Methylnaphthalene	8.957	142	686312	43.229	ng		99
38) 1-Methylnaphthalene	9.057	142	697758	42.680	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	328897	41.506	ng		99
41) Hexachlorocyclopentadiene	9.116	237	241446	46.829	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	238395	43.470	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
07/23/2025
Supervised By :Jagrut Upadhyay
07/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	238695	43.512	ng		98
46) 1,1'-Biphenyl	9.422	154	906851	42.350	ng		100
47) 2-Chloronaphthalene	9.451	162	661581	41.755	ng		100
48) 2-Nitroaniline	9.539	65	240330	48.368	ng		100
49) Acenaphthylene	9.869	152	1121862	42.250	ng		100
50) Dimethylphthalate	9.722	163	785971	43.933	ng		100
51) 2,6-Dinitrotoluene	9.781	165	174789	48.027	ng		97
52) Acenaphthene	10.039	154	717249	45.702	ng		98
53) 3-Nitroaniline	9.945	138	141784	33.307	ng		99
54) 2,4-Dinitrophenol	10.051	184	138218	83.480	ng	#	7
55) Dibenzofuran	10.210	168	992798	42.608	ng		99
56) 4-Nitrophenol	10.104	139	276705	87.047	ng		98
57) 2,4-Dinitrotoluene	10.181	165	229420	50.245	ng		98
58) Fluorene	10.551	166	745825	42.649	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	198979	43.788	ng		99
60) Diethylphthalate	10.422	149	793884	44.896	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	365015	41.919	ng		99
62) 4-Nitroaniline	10.563	138	150125	41.149	ng		98
63) Azobenzene	10.704	77	832376	45.166	ng		95
65) 4,6-Dinitro-2-methylph...	10.592	198	93180	43.445	ng		96
66) n-Nitrosodiphenylamine	10.657	169	658874	45.125	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	219163	44.351	ng		99
68) Hexachlorobenzene	11.104	284	217668	42.143	ng		98
69) Atrazine	11.186	200	195110	48.470	ng		99
70) Pentachlorophenol	11.298	266	261343	86.042	ng		98
71) Phenanthrene	11.516	178	1215848	55.224	ng		99
72) Anthracene	11.569	178	1016264	45.259	ng		100
73) Carbazole	11.716	167	837062	42.692	ng		99
74) Di-n-butylphthalate	12.045	149	1092339	49.237	ng		99
75) Fluoranthene	12.710	202	1347470	66.679	ng		99
77) Benzidine	12.816	184	297349	27.933	ng		99
78) Pyrene	12.939	202	1345473	57.059	ng		99
80) Butylbenzylphthalate	13.545	149	367405	50.883	ng		98
81) Benzo(a)anthracene	14.121	228	1033853	55.890	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	138194	22.415	ng		100
83) Chrysene	14.157	228	923571	55.532	ng		98
84) Bis(2-ethylhexyl)phtha...	14.104	149	519551	47.538	ng		99
85) Di-n-octyl phthalate	14.721	149	962953m	48.608	ng		
87) Indeno(1,2,3-cd)pyrene	17.180	276	555106	34.423	ng		99
88) Benzo(b)fluoranthene	15.192	252	926002	66.280	ng		98
89) Benzo(k)fluoranthene	15.221	252	688897	55.257	ng		98
90) Benzo(a)pyrene	15.574	252	734037	57.025	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	397652	30.296	ng		99
92) Benzo(g,h,i)perylene	17.645	276	449394	35.394	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143181.D
Acq On : 22 Jul 2025 10:55
Operator : RC/JU
Sample : Q2635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 22 11:37:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

07/23/2025

Supervised By :Jagrut Upadhyay

07/23/2025