Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143219.D
Acq On : 23 Jul 2025 18:56
Operator : RC/JU
Sample : Q2649-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 24 01:18:56 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 :
WC-3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	129050	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	500596	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	258431	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	430420	20.000	ng		0.00
76) Chrysene-d12	14.121	240	253028	20.000	ng		0.00
86) Perylene-d12	15.627	264	273066	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	666494	81.728	ng		0.02
7) Phenol-d6	6.592	99	916762	89.313	ng		0.00
23) Nitrobenzene-d5	7.522	82	590990	58.848	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	246605	92.370	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1025654	54.278	ng		0.00
79) Terphenyl-d14	13.063	244	958583	56.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	143072	37.077	ng		98
3) Pyridine	3.646	79	375997	37.541	ng		99
4) n-Nitrosodimethylamine	3.593	42	216954	41.955	ng		99
6) Aniline	6.622	93	354226	24.761	ng	#	89
8) 2-Chlorophenol	6.751	128	363972	42.579	ng		97
9) Benzaldehyde	6.510	77	240931	31.302	ng		100
10) Phenol	6.604	94	468191	41.869	ng		95
11) bis(2-Chloroethyl)ether	6.692	93	357203	41.720	ng		99
12) 1,3-Dichlorobenzene	6.904	146	386913	41.666	ng		100
13) 1,4-Dichlorobenzene	6.981	146	397555	42.512	ng		99
14) 1,2-Dichlorobenzene	7.134	146	377692	42.464	ng		99
15) Benzyl Alcohol	7.098	79	341349	43.553	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	657511	41.398	ng		98
17) 2-Methylphenol	7.210	107	306419	42.633	ng		99
18) Hexachloroethane	7.481	117	142466	44.007	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	268994	40.847	ng		98
20) 3+4-Methylphenols	7.363	107	365199	41.879	ng	#	78
22) Acetophenone	7.369	105	488458	41.214	ng	#	97
24) Nitrobenzene	7.539	77	409071	43.691	ng		99
25) Isophorone	7.781	82	749097	42.254	ng		98
26) 2-Nitrophenol	7.857	139	198030	48.734	ng		99
27) 2,4-Dimethylphenol	7.892	122	350676	42.337	ng		100
28) bis(2-Chloroethoxy)met...	7.986	93	447620	42.111	ng		100
29) 2,4-Dichlorophenol	8.098	162	304971	43.659	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	321967	42.664	ng		99
31) Naphthalene	8.269	128	1044863	42.382	ng		100
32) Benzoic acid	8.004	122	234401	49.997	ng		99
33) 4-Chloroaniline	8.304	127	65013	6.458	ng		100
34) Hexachlorobutadiene	8.386	225	200881	43.575	ng		99
35) Caprolactam	8.675	113	100049m	47.398	ng		
36) 4-Chloro-3-methylphenol	8.792	107	336225	44.285	ng		99
37) 2-Methylnaphthalene	8.957	142	643071	42.865	ng		100
38) 1-Methylnaphthalene	9.057	142	663384	42.942	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	318910	42.743	ng		99
41) Hexachlorocyclopentadiene	9.116	237	427550	88.068	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	221765	42.946	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143219.D
Acq On : 23 Jul 2025 18:56
Operator : RC/JU
Sample : Q2649-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 24 01:18:56 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 :
WC-3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	232369	44.986	ng		99
46)	1,1'-Biphenyl	9.422	154	877516	43.522	ng		100
47)	2-Chloronaphthalene	9.445	162	636055	42.634	ng		99
48)	2-Nitroaniline	9.533	65	216093	46.188	ng		99
49)	Acenaphthylene	9.863	152	1082459	43.295	ng		100
50)	Dimethylphthalate	9.716	163	756505	44.909	ng		99
51)	2,6-Dinitrotoluene	9.775	165	165873	48.404	ng		99
52)	Acenaphthene	10.033	154	707499	47.878	ng		99
53)	3-Nitroaniline	9.939	138	88166	21.996	ng		99
54)	2,4-Dinitrophenol	10.051	184	172311	108.368	ng	#	1
55)	Dibenzofuran	10.204	168	937987	42.753	ng		99
56)	4-Nitrophenol	10.104	139	274401	91.677	ng		98
57)	2,4-Dinitrotoluene	10.180	165	220692	51.332	ng		94
58)	Fluorene	10.551	166	705612	42.852	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.322	232	176735	41.305	ng		99
60)	Diethylphthalate	10.416	149	746969	44.863	ng		100
61)	4-Chlorophenyl-phenyle...	10.539	204	361037	44.034	ng		100
62)	4-Nitroaniline	10.557	138	160785	46.804	ng		98
63)	Azobenzene	10.698	77	841538	48.495	ng		95
65)	4,6-Dinitro-2-methylph...	10.586	198	117166	51.484	ng		99
66)	n-Nitrosodiphenylamine	10.657	169	632847	41.754	ng		99
67)	4-Bromophenyl-phenylether	11.027	248	220614	43.009	ng		100
68)	Hexachlorobenzene	11.098	284	234176	43.678	ng		99
69)	Atrazine	11.180	200	198055	47.399	ng		99
70)	Pentachlorophenol	11.292	266	204090	64.730	ng		98
71)	Phenanthrene	11.510	178	960622	42.033	ng		99
72)	Anthracene	11.563	178	978804	41.993	ng		100
73)	Carbazole	11.710	167	883073	43.388	ng		99
74)	Di-n-butylphthalate	12.039	149	1091594	47.400	ng		100
75)	Fluoranthene	12.698	202	947282	45.158	ng		99
77)	Benzidine	12.810	184	377100	38.683	ng		99
78)	Pyrene	12.927	202	930699	43.099	ng		99
80)	Butylbenzylphthalate	13.539	149	369204	55.834	ng		98
81)	Benzo(a)anthracene	14.110	228	748386	44.178	ng		99
82)	3,3'-Dichlorobenzidine	14.068	252	83929	14.865	ng		99
83)	Chrysene	14.151	228	653785	42.925	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.098	149	492547	49.212	ng		99
85)	Di-n-octyl phthalate	14.710	149	818612	45.122	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.168	276	846990	43.988	ng		99
88)	Benzo(b)fluoranthene	15.180	252	734192	44.011	ng		99
89)	Benzo(k)fluoranthene	15.215	252	644364	43.286	ng		99
90)	Benzo(a)pyrene	15.562	252	682048	44.376	ng		99
91)	Dibenzo(a,h)anthracene	17.186	278	685873	43.764	ng		99
92)	Benzo(g,h,i)perylene	17.639	276	679318	44.809	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143219.D
Acq On : 23 Jul 2025 18:56
Operator : RC/JU
Sample : Q2649-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 24 01:18:56 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 :
WC-3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025