Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143199.D
Acq On : 22 Jul 2025 20:20
Operator : RC/JU
Sample : Q2646-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC TANKMS

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

Quant Time: Jul 23 04:52:21 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.986	152	106919	20.000	ng		0.02
21) Naphthalene-d8	8.263	136	403875	20.000	ng		0.02
39) Acenaphthene-d10	10.010	164	174208	20.000	ng		0.01
64) Phenanthrene-d10	11.492	188	273501	20.000	ng		0.00
76) Chrysene-d12	14.151	240	256851	20.000	ng		0.03
86) Perylene-d12	15.651	264	185286	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.792	112	552475	81.770	ng		0.21
7) Phenol-d6	6.675	99	546469	64.258	ng		0.09
23) Nitrobenzene-d5	7.545	82	553643	68.332	ng		0.02
42) 2,4,6-Tribromophenol	10.798	330	178262	99.053	ng		0.01
45) 2-Fluorobiphenyl	9.328	172	935127	73.412	ng		0.00
79) Terphenyl-d14	13.092	244	806959	46.752	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	118206	36.974	ng	#	42
4) n-Nitrosodimethylamine	3.581	42	171005	39.915	ng	#	56
6) Aniline	6.722	93	173337	14.625	ng	#	55
8) 2-Chlorophenol	6.798	128	164249	23.192	ng		91
9) Benzaldehyde	6.557	77	142775	22.389	ng		98
10) Phenol	6.686	94	244774	26.420	ng		96
11) bis(2-Chloroethyl)ether	6.722	93	173337	24.436	ng		95
12) 1,3-Dichlorobenzene	6.928	146	149597m	19.445	ng		
13) 1,4-Dichlorobenzene	7.004	146	276221	35.652	ng		99
14) 1,2-Dichlorobenzene	7.157	146	214736	29.140	ng		98
15) Benzyl Alcohol	7.257	79	593018	91.326	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1724578m	131.059	ng		
17) 2-Methylphenol	7.269	107	469533	78.849	ng	#	60
18) Hexachloroethane	7.492	117	99536	37.110	ng		97
19) n-Nitroso-di-n-propyla...	7.410	70	203526	37.303	ng	#	92
20) 3+4-Methylphenols	7.504	107	378672m	52.413	ng		
22) Acetophenone	7.404	105	375876	39.310	ng	#	96
24) Nitrobenzene	7.569	77	262484	34.748	ng		99
25) Isophorone	7.881	82	524966	36.703	ng		99
26) 2-Nitrophenol	7.881	139	139283	42.485	ng		95
27) 2,4-Dimethylphenol	7.957	122	227380	34.026	ng		100
28) bis(2-Chloroethoxy)met...	8.022	93	320993	37.430	ng		97
29) 2,4-Dichlorophenol	8.157	162	185645	32.941	ng		97
30) 1,2,4-Trichlorobenzene	8.204	180	216579	35.572	ng		100
31) Naphthalene	8.286	128	751387	37.776	ng		100
32) Benzoic acid	8.181	122	269197	68.976	ng		97
33) 4-Chloroaniline	8.286	127	98017	12.069	ng	#	37
34) Hexachlorobutadiene	8.398	225	138458	37.227	ng		99
35) Caprolactam	8.786	113	67393m	39.574	ng		
36) 4-Chloro-3-methylphenol	8.816	107	200347	32.708	ng		98
37) 2-Methylnaphthalene	8.975	142	443408	36.634	ng		99
38) 1-Methylnaphthalene	9.075	142	427480	34.298	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	206106	40.979	ng		99
41) Hexachlorocyclopentadiene	9.128	237	176682	53.988	ng		99
43) 2,4,6-Trichlorophenol	9.251	196	126910	36.459	ng		99
44) 2,4,5-Trichlorophenol	9.298	196	134795	38.713	ng	#	93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143199.D
Acq On : 22 Jul 2025 20:20
Operator : RC/JU
Sample : Q2646-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 23 04:52:21 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 :
FRAC TANKMS

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)
46)	1,1'-Biphenyl	9.428	154	563893	41.488	ng		100
47)	2-Chloronaphthalene	9.457	162	400436	39.817	ng		100
48)	2-Nitroaniline	9.545	65	132031	41.864	ng		95
49)	Acenaphthylene	9.869	152	634232	37.632	ng		100
50)	Dimethylphthalate	9.727	163	450497	39.673	ng		99
51)	2,6-Dinitrotoluene	9.780	165	95799	41.471	ng		98
52)	Acenaphthene	10.039	154	398628	40.018	ng		99
53)	3-Nitroaniline	9.963	138	6891	2.550	ng	#	88
54)	2,4-Dinitrophenol	10.051	184	55306	55.089	ng	#	65
55)	Dibenzofuran	10.210	168	554525	37.495	ng		99
56)	4-Nitrophenol	10.110	139	162828	80.702	ng		96
57)	2,4-Dinitrotoluene	10.180	165	116431	40.174	ng	#	99
58)	Fluorene	10.557	166	428198	38.577	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.333	232	112015m	38.836	ng		
60)	Diethylphthalate	10.422	149	506582	45.135	ng		100
61)	4-Chlorophenyl-phenyle...	10.545	204	209454	37.896	ng		98
62)	4-Nitroaniline	10.563	138	22748	9.823	ng		92
63)	Azobenzene	10.704	77	401256	34.302	ng		97
65)	4,6-Dinitro-2-methylph...	10.586	198	41238	30.931	ng		82
66)	n-Nitrosodiphenylamine	10.657	169	336118	34.900	ng		100
67)	4-Bromophenyl-phenylether	11.033	248	123252	37.814	ng		97
68)	Hexachlorobenzene	11.104	284	126673	37.183	ng		98
69)	Atrazine	11.227	200	90049	33.915	ng		99
70)	Pentachlorophenol	11.298	266	182738	91.211	ng		98
71)	Phenanthrene	11.516	178	580774	39.993	ng		100
72)	Anthracene	11.569	178	584315	39.452	ng		100
73)	Carbazole	11.721	167	546164	42.231	ng		99
74)	Di-n-butylphthalate	12.051	149	548715	37.497	ng		100
75)	Fluoranthene	12.704	202	630057	47.268	ng		99
78)	Pyrene	12.939	202	219163	9.998	ng		97
80)	Butylbenzylphthalate	13.568	149	295074	43.959	ng		97
81)	Benzo(a)anthracene	14.139	228	677602	39.404	ng		99
83)	Chrysene	14.174	228	615094	39.784	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.121	149	446694	43.966	ng		100
85)	Di-n-octyl phthalate	14.727	149	745738	40.493	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.180	276	348870	26.702	ng		98
88)	Benzo(b)fluoranthene	15.204	252	565057	49.920	ng		99
89)	Benzo(k)fluoranthene	15.239	252	492257	48.735	ng		100
90)	Benzo(a)pyrene	15.586	252	429835	41.215	ng		99
91)	Dibenzo(a,h)anthracene	17.198	278	285570	26.854	ng		99
92)	Benzo(g,h,i)perylene	17.645	276	277134	26.941	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143199.D
Acq On : 22 Jul 2025 20:20
Operator : RC/JU
Sample : Q2646-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 23 04:52:21 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 :
FRAC TANKMS

Manual Integrations APPROVED

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