Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142899.D
Acq On : 27 Jun 2025 18:10
Operator : RC/JU
Sample : Q2414-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/30/2025
Supervised By :Jagrut Upadhyay 06/30/2025

Quant Time: Jun 27 18:30:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	60091	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	211234	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	98623	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	160630	20.000	ng		0.00
76) Chrysene-d12	14.057	240	151643	20.000	ng		0.00
86) Perylene-d12	15.545	264	109991	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	400809	111.051	ng		0.02
7) Phenol-d6	6.510	99	424522	99.695	ng		0.00
23) Nitrobenzene-d5	7.439	82	298026	77.388	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	126343	124.488	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	605035	80.592	ng		0.00
79) Terphenyl-d14	12.992	244	643612	58.643	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	48935	33.898	ng	#	83
3) Pyridine	3.516	79	121882	33.678	ng		98
4) n-Nitrosodimethylamine	3.451	42	72406	38.689	ng		99
6) Aniline	6.539	93	52086	9.193	ng	#	58
8) 2-Chlorophenol	6.663	128	151604	38.939	ng		98
9) Benzaldehyde	6.428	77	41178	16.300	ng		99
10) Phenol	6.528	94	149374	31.558	ng		100
11) bis(2-Chloroethyl)ether	6.610	93	133809	39.554	ng		99
12) 1,3-Dichlorobenzene	6.822	146	157854	36.253	ng		99
13) 1,4-Dichlorobenzene	6.898	146	158096	35.987	ng		99
14) 1,2-Dichlorobenzene	7.045	146	150845	36.202	ng		99
15) Benzyl Alcohol	7.022	79	121178	39.364	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	202536	37.264	ng		93
17) 2-Methylphenol	7.134	107	110513	37.457	ng		98
18) Hexachloroethane	7.386	117	54591	35.528	ng		99
19) n-Nitroso-di-n-propyla...	7.286	70	98431	39.745	ng		98
20) 3+4-Methylphenols	7.286	107	139987	38.054	ng	#	85
22) Acetophenone	7.286	105	201658	43.292	ng		99
24) Nitrobenzene	7.463	77	141908	40.713	ng		97
25) Isophorone	7.698	82	256297	41.487	ng		99
26) 2-Nitrophenol	7.781	139	79796	42.026	ng		97
27) 2,4-Dimethylphenol	7.816	122	130700m	39.739	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	163830	41.714	ng		99
29) 2,4-Dichlorophenol	8.022	162	121334	40.687	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	129318	39.436	ng		99
31) Naphthalene	8.181	128	415784	40.213	ng		99
32) Benzoic acid	7.916	122	47782	28.504	ng		93
33) 4-Chloroaniline	8.233	127	34646	8.241	ng		98
34) Hexachlorobutadiene	8.298	225	79639	39.704	ng		98
35) Caprolactam	8.592	113	28835	36.643	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	113802	38.398	ng		100
37) 2-Methylnaphthalene	8.875	142	251257	39.197	ng		99
38) 1-Methylnaphthalene	8.975	142	261645	39.430	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	128346	44.105	ng		99
41) Hexachlorocyclopentadiene	9.028	237	77305	46.812	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	80920	42.674	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142899.D
Acq On : 27 Jun 2025 18:10
Operator : RC/JU
Sample : Q2414-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/30/2025
Supervised By :Jagrut Upadhyay 06/30/2025

Quant Time: Jun 27 18:30:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	86666	43.417	ng	99
46) 1,1'-Biphenyl	9.339	154	346480	44.474	ng	100
47) 2-Chloronaphthalene	9.363	162	250395	42.829	ng	99
48) 2-Nitroaniline	9.463	65	71695	43.742	ng	97
49) Acenaphthylene	9.780	152	407656	42.357	ng	99
50) Dimethylphthalate	9.639	163	304232	47.656	ng	100
51) 2,6-Dinitrotoluene	9.704	165	63137	45.035	ng	96
52) Acenaphthene	9.951	154	251353	42.805	ng	99
53) 3-Nitroaniline	9.869	138	26081	16.897	ng	98
54) 2,4-Dinitrophenol	9.980	184	28477	40.566	ng	99
55) Dibenzofuran	10.127	168	360534	42.817	ng	99
56) 4-Nitrophenol	10.039	139	85969	81.353	ng	98
57) 2,4-Dinitrotoluene	10.110	165	84398	45.321	ng	98
58) Fluorene	10.469	166	283262	43.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	68028	42.280	ng	96
60) Diethylphthalate	10.339	149	295388	47.192	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	135704	43.245	ng	98
62) 4-Nitroaniline	10.486	138	56912	40.314	ng	97
63) Azobenzene	10.622	77	237867	42.519	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	23768	24.463	ng	94
66) n-Nitrosodiphenylamine	10.575	169	244145	43.855	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	80295	43.922	ng	100
68) Hexachlorobenzene	11.016	284	87194	42.924	ng	97
69) Atrazine	11.104	200	76236	53.031	ng	99
70) Pentachlorophenol	11.216	266	89652	88.570	ng	99
71) Phenanthrene	11.433	178	386655	44.436	ng	99
72) Anthracene	11.486	178	392598	43.994	ng	100
73) Carbazole	11.639	167	370716	48.138	ng	100
74) Di-n-butylphthalate	11.963	149	455760	56.810	ng	100
75) Fluoranthene	12.627	202	438210	53.065	ng	99
77) Benzidine	12.745	184	102735	18.032	ng	99
78) Pyrene	12.857	202	453287	31.890	ng	99
80) Butylbenzylphthalate	13.468	149	205206	49.769	ng	98
81) Benzo(a)anthracene	14.045	228	446392	43.636	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	51016	15.375	ng	99
83) Chrysene	14.086	228	420280	46.041	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	300659	50.682	ng	99
85) Di-n-octyl phthalate	14.639	149	512358	45.803	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	257438	30.728	ng	98
88) Benzo(b)fluoranthene	15.110	252	342049	53.743	ng	99
89) Benzo(k)fluoranthene	15.139	252	332942	55.914	ng	99
90) Benzo(a)pyrene	15.486	252	285250	46.393	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	210813	30.969	ng	98
92) Benzo(g,h,i)perylene	17.515	276	203776	30.021	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142899.D
Acq On : 27 Jun 2025 18:10
Operator : RC/JU
Sample : Q2414-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 27 18:30:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/30/2025
Supervised By :Jagrut Upadhyay 06/30/2025