Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142967.D
Acq On : 02 Jul 2025 13:16
Operator : RC/JU
Sample : Q2452-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Quant Time: Jul 02 13:37:50 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	6.875	152	56127	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	213724	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	116710	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	201225	20.000	ng		0.00
76) Chrysene-d12	14.057	240	110809	20.000	ng		0.00
86) Perylene-d12	15.545	264	116324	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	374142	110.984	ng		0.01
7) Phenol-d6	6.510	99	409699	103.010	ng		0.00
23) Nitrobenzene-d5	7.439	82	294099	75.479	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	160314	133.481	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	655208	73.749	ng		-0.01
79) Terphenyl-d14	12.992	244	536707	66.923	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	38934	28.875	ng	#	83
3) Pyridine	3.475	79	100514	29.735	ng		98
4) n-Nitrosodimethylamine	3.404	42	62198	35.582	ng		98
6) Aniline	6.540	93	98823	18.674	ng	#	91
8) 2-Chlorophenol	6.663	128	140262	38.571	ng		96
9) Benzaldehyde	6.428	77	30358	12.866	ng		99
10) Phenol	6.522	94	145384	32.885	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	121699	38.515	ng		96
12) 1,3-Dichlorobenzene	6.816	146	129941	31.950	ng		99
13) 1,4-Dichlorobenzene	6.892	146	133300	32.486	ng		99
14) 1,2-Dichlorobenzene	7.045	146	130041	33.413	ng		99
15) Benzyl Alcohol	7.016	79	119162	41.443	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	176750	34.816	ng		84
17) 2-Methylphenol	7.128	107	107923	39.162	ng		99
18) Hexachloroethane	7.387	117	45984	32.040	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	93010	40.208	ng		97
20) 3+4-Methylphenols	7.287	107	139424	40.577	ng		91
22) Acetophenone	7.281	105	189881	40.289	ng		99
24) Nitrobenzene	7.457	77	134431	38.118	ng		97
25) Isophorone	7.698	82	254478	40.713	ng		100
26) 2-Nitrophenol	7.775	139	79036	41.141	ng		97
27) 2,4-Dimethylphenol	7.810	122	134609m	40.451	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	160305	40.341	ng		99
29) 2,4-Dichlorophenol	8.016	162	124414	41.233	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	122853	37.028	ng		100
31) Naphthalene	8.181	128	397470	37.994	ng		100
32) Benzoic acid	7.910	122	32399	19.102	ng		93
33) 4-Chloroaniline	8.234	127	66920	15.732	ng		99
34) Hexachlorobutadiene	8.292	225	74142	36.533	ng		99
35) Caprolactam	8.598	113	34265m	43.036	ng		
36) 4-Chloro-3-methylphenol	8.716	107	130722	43.593	ng		100
37) 2-Methylnaphthalene	8.875	142	265189	40.888	ng		100
38) 1-Methylnaphthalene	8.969	142	276494	41.182	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	136083	39.516	ng		99
41) Hexachlorocyclopentadiene	9.022	237	120731	61.779	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	92130	41.056	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142967.D
Acq On : 02 Jul 2025 13:16
Operator : RC/JU
Sample : Q2452-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Quant Time: Jul 02 13:37:50 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	102461	43.375	ng	99
46) 1,1'-Biphenyl	9.339	154	377073	40.900	ng	100
47) 2-Chloronaphthalene	9.363	162	276808	40.010	ng	99
48) 2-Nitroaniline	9.463	65	84523	43.576	ng	94
49) Acenaphthylene	9.780	152	474689	41.678	ng	99
50) Dimethylphthalate	9.639	163	344914	45.656	ng	99
51) 2,6-Dinitrotoluene	9.704	165	74528	44.921	ng	96
52) Acenaphthene	9.951	154	313900m	45.172	ng	
53) 3-Nitroaniline	9.869	138	34708	19.001	ng	99
54) 2,4-Dinitrophenol	9.986	184	63806	76.807	ng	95
55) Dibenzofuran	10.122	168	423242	42.475	ng	100
56) 4-Nitrophenol	10.039	139	105437	84.314	ng	98
57) 2,4-Dinitrotoluene	10.110	165	103666	47.041	ng	97
58) Fluorene	10.469	166	338443	43.489	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	86779	45.575	ng	94
60) Diethylphthalate	10.339	149	356939	48.188	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	163585	44.051	ng	98
62) 4-Nitroaniline	10.486	138	74818	44.785	ng	98
63) Azobenzene	10.616	77	283317	42.795	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	48652	39.972	ng	100
66) n-Nitrosodiphenylamine	10.575	169	300169	43.041	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	101456	44.301	ng	96
68) Hexachlorobenzene	11.016	284	109566	43.056	ng	98
69) Atrazine	11.104	200	93859	52.118	ng	99
70) Pentachlorophenol	11.216	266	115461	91.055	ng	99
71) Phenanthrene	11.433	178	478040	43.855	ng	99
72) Anthracene	11.486	178	498958	44.632	ng	100
73) Carbazole	11.639	167	438222	45.424	ng	100
74) Di-n-butylphthalate	11.963	149	534534	53.187	ng	99
75) Fluoranthene	12.621	202	463597	44.814	ng	100
77) Benzidine	12.745	184	82369	19.785	ng	99
78) Pyrene	12.851	202	461671	44.449	ng	100
80) Butylbenzylphthalate	13.463	149	161317	53.543	ng	98
81) Benzo(a)anthracene	14.045	228	340260	45.518	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	38594	15.917	ng	99
83) Chrysene	14.080	228	301314	45.172	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	205616	47.433	ng	100
85) Di-n-octyl phthalate	14.639	149	303371	37.115	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	364299	41.116	ng	98
88) Benzo(b)fluoranthene	15.110	252	314592	46.738	ng	99
89) Benzo(k)fluoranthene	15.139	252	289667	45.998	ng	99
90) Benzo(a)pyrene	15.486	252	294339	45.265	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	296813	41.229	ng	97
92) Benzo(g,h,i)perylene	17.521	276	297405	41.429	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142967.D
Acq On : 02 Jul 2025 13:16
Operator : RC/JU
Sample : Q2452-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Quant Time: Jul 02 13:37:50 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