Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
Data File : BF144432.D
Acq On : 04 Dec 2025 16:08
Operator : RC/JU
Sample : Q3767-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
346MSD

Quant Time: Dec 04 16:29:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	46877	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	162090	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	79200	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	130312	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	123525	20.000	ng		0.00
86) Perylene-d12	15.533	264	116603	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	190797	63.693	ng		0.00
7) Phenol-d6	6.498	99	213195	62.811	ng		0.00
23) Nitrobenzene-d5	7.428	82	124646	44.413	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	66951	67.364	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	268382	50.048	ng		0.00
79) Terphenyl-d14	12.980	244	295567	38.007	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	52256	42.194	ng		99
3) Pyridine	3.434	79	148722	43.043	ng		98
4) n-Nitrosodimethylamine	3.381	42	77254	42.805	ng		97
6) Aniline	6.528	93	71753	14.837	ng	#	66
8) 2-Chlorophenol	6.651	128	123754	42.126	ng		98
9) Benzaldehyde	6.416	77	107827	56.258	ng		97
10) Phenol	6.516	94	168325	40.589	ng		97
11) bis(2-Chloroethyl)ether	6.598	93	126878	41.988	ng		98
12) 1,3-Dichlorobenzene	6.804	146	156568	43.191	ng		96
13) 1,4-Dichlorobenzene	6.881	146	155163	42.724	ng		98
14) 1,2-Dichlorobenzene	7.034	146	149496	42.947	ng		99
15) Benzyl Alcohol	7.004	79	115044	42.804	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	217571	39.099	ng		63
17) 2-Methylphenol	7.122	107	94510	40.440	ng		92
18) Hexachloroethane	7.375	117	48656	40.326	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	93427	41.812	ng		97
20) 3+4-Methylphenols	7.281	107	119029	43.205	ng	#	85
22) Acetophenone	7.269	105	159270	45.804	ng		99
24) Nitrobenzene	7.445	77	134422	44.113	ng		99
25) Isophorone	7.686	82	234528	44.179	ng		99
26) 2-Nitrophenol	7.763	139	68595	45.475	ng		97
27) 2,4-Dimethylphenol	7.798	122	108923	48.177	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	153193	46.212	ng		95
29) 2,4-Dichlorophenol	8.010	162	110437	42.381	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	120945	45.200	ng		96
31) Naphthalene	8.169	128	339987	44.094	ng		99
32) Benzoic acid	7.922	122	69452	41.908	ng		96
33) 4-Chloroaniline	8.222	127	22477	7.993	ng		98
34) Hexachlorobutadiene	8.281	225	86140	42.716	ng		99
35) Caprolactam	8.586	113	29807	41.752	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	93292	39.948	ng		97
37) 2-Methylnaphthalene	8.857	142	204836	39.734	ng		100
38) 1-Methylnaphthalene	8.957	142	205237	41.261	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	121366	46.758	ng		98
41) Hexachlorocyclopentadiene	9.010	237	50631	56.789	ng		95
43) 2,4,6-Trichlorophenol	9.139	196	78673	44.533	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	81499	42.803	ng	99
46) 1,1'-Biphenyl	9.322	154	265735	48.067	ng	99
47) 2-Chloronaphthalene	9.351	162	215330	45.662	ng	100
48) 2-Nitroaniline	9.451	65	64179	47.167	ng	95
49) Acenaphthylene	9.763	152	332789	51.785	ng	99
50) Dimethylphthalate	9.622	163	257600	49.096	ng	99
51) 2,6-Dinitrotoluene	9.686	165	52269	49.211	ng	99
52) Acenaphthene	9.933	154	175807	40.910	ng	99
53) 3-Nitroaniline	9.863	138	26217	22.580	ng	96
54) 2,4-Dinitrophenol	9.975	184	32031	49.941	ng	98
55) Dibenzofuran	10.110	168	261277	43.411	ng	98
56) 4-Nitrophenol	10.033	139	63050	75.070	ng	98
57) 2,4-Dinitrotoluene	10.098	165	66265	46.604	ng	94
58) Fluorene	10.451	166	209096	45.694	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	62581	46.455	ng	98
60) Diethylphthalate	10.322	149	227988	47.136	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	114465	43.913	ng	99
62) 4-Nitroaniline	10.475	138	41561	37.588	ng	95
63) Azobenzene	10.604	77	217964	48.421	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	25723	29.057	ng	98
66) n-Nitrosodiphenylamine	10.563	169	202483	48.312	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	77356	46.507	ng	96
68) Hexachlorobenzene	11.004	284	89215	45.538	ng	95
69) Atrazine	11.092	200	65349	49.028	ng	99
70) Pentachlorophenol	11.204	266	91273	93.557	ng	99
71) Phenanthrene	11.422	178	312511	48.167	ng	100
72) Anthracene	11.469	178	313264	47.484	ng	100
73) Carbazole	11.627	167	285435	50.881	ng	99
74) Di-n-butylphthalate	11.951	149	331063	48.817	ng	100
75) Fluoranthene	12.616	202	441265	65.839	ng	99
77) Benzidine	12.739	184	157417	43.083	ng	98
78) Pyrene	12.845	202	440122	44.190	ng	99
80) Butylbenzylphthalate	13.457	149	151964	44.023	ng	99
81) Benzo(a)anthracene	14.039	228	429696	50.191	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	61213	20.859	ng	98
83) Chrysene	14.074	228	407149	51.517	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	204362	43.247	ng	97
85) Di-n-octyl phthalate	14.627	149	381345	46.774	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	284907	34.038	ng	99
88) Benzo(b)fluoranthene	15.098	252	375513	56.646	ng	98
89) Benzo(k)fluoranthene	15.127	252	293873	47.362	ng	99
90) Benzo(a)pyrene	15.468	252	314462	51.419	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	224275	33.363	ng	100
92) Benzo(g,h,i)perylene	17.492	276	228443	34.413	ng	98

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

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