Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
Data File : BF144431.D
Acq On : 04 Dec 2025 15:38
Operator : RC/JU
Sample : Q3767-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
346MS

Quant Time: Dec 04 16:01:08 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	43899	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	152628	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	71062	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	122024	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	125063	20.000	ng		0.00
86) Perylene-d12	15.527	264	125589	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	186081	66.333	ng		0.00
7) Phenol-d6	6.498	99	201575	63.416	ng		0.00
23) Nitrobenzene-d5	7.422	82	120866	45.736	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	61815	69.319	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	254599	52.915	ng		-0.01
79) Terphenyl-d14	12.980	244	291606	37.036	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	52072	44.898	ng		98
3) Pyridine	3.434	79	149481	46.198	ng		99
4) n-Nitrosodimethylamine	3.381	42	77432	45.814	ng		96
6) Aniline	6.528	93	67473	14.899	ng	#	78
8) 2-Chlorophenol	6.651	128	118310	43.005	ng		99
9) Benzaldehyde	6.416	77	105395	58.719	ng		97
10) Phenol	6.510	94	159315	41.023	ng		99
11) bis(2-Chloroethyl)ether	6.598	93	124745	44.082	ng		99
12) 1,3-Dichlorobenzene	6.804	146	157046	46.261	ng		97
13) 1,4-Dichlorobenzene	6.881	146	154982	45.569	ng		99
14) 1,2-Dichlorobenzene	7.034	146	146789	45.030	ng		98
15) Benzyl Alcohol	7.004	79	109743	43.602	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	210766	40.445	ng		67
17) 2-Methylphenol	7.122	107	89522	40.904	ng	#	92
18) Hexachloroethane	7.369	117	47515	42.052	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	90550	43.274	ng		99
20) 3+4-Methylphenols	7.275	107	114790	44.493	ng		91
22) Acetophenone	7.269	105	157562	48.122	ng		97
24) Nitrobenzene	7.445	77	130676	45.542	ng		98
25) Isophorone	7.681	82	224166	44.845	ng		99
26) 2-Nitrophenol	7.763	139	66952	47.137	ng		95
27) 2,4-Dimethylphenol	7.798	122	102842	48.308	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	144569	46.314	ng		96
29) 2,4-Dichlorophenol	8.010	162	105570	43.025	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	115050	45.662	ng		99
31) Naphthalene	8.169	128	325241	44.797	ng		99
32) Benzoic acid	7.916	122	64483	41.322	ng		97
33) 4-Chloroaniline	8.222	127	21308	8.047	ng		96
34) Hexachlorobutadiene	8.281	225	83178	43.804	ng		98
35) Caprolactam	8.581	113	29123	43.322	ng		95
36) 4-Chloro-3-methylphenol	8.704	107	88861	40.409	ng		98
37) 2-Methylnaphthalene	8.857	142	189622	39.063	ng		99
38) 1-Methylnaphthalene	8.957	142	192259	41.048	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	115020	49.388	ng		98
41) Hexachlorocyclopentadiene	9.010	237	56220	66.407	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	76338	48.159	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	78868	46.165	ng		98
46) 1,1'-Biphenyl	9.322	154	244700	49.331	ng		99
47) 2-Chloronaphthalene	9.345	162	201622	47.651	ng		100
48) 2-Nitroaniline	9.445	65	58077	47.571	ng		98
49) Acenaphthylene	9.763	152	311315	53.991	ng		99
50) Dimethylphthalate	9.622	163	236468	50.230	ng		99
51) 2,6-Dinitrotoluene	9.686	165	48489	50.881	ng		95
52) Acenaphthene	9.933	154	164406	42.638	ng		98
53) 3-Nitroaniline	9.863	138	25133	24.125	ng	#	95
54) 2,4-Dinitrophenol	9.975	184	39294	68.282	ng		97
55) Dibenzofuran	10.110	168	251011	46.481	ng		99
56) 4-Nitrophenol	10.033	139	59581	79.064	ng		99
57) 2,4-Dinitrotoluene	10.098	165	61631	48.309	ng		96
58) Fluorene	10.451	166	196242	47.796	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	55432	45.861	ng		99
60) Diethylphthalate	10.322	149	209618	48.301	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	108032	46.192	ng		99
62) 4-Nitroaniline	10.475	138	41382	41.712	ng		95
63) Azobenzene	10.604	77	203608	50.411	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	28170	33.983	ng		97
66) n-Nitrosodiphenylamine	10.563	169	187640	47.811	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	68817	44.184	ng		98
68) Hexachlorobenzene	11.004	284	82128	44.767	ng		97
69) Atrazine	11.086	200	59441	47.625	ng		99
70) Pentachlorophenol	11.204	266	86421	94.600	ng		99
71) Phenanthrene	11.416	178	301983	49.706	ng		100
72) Anthracene	11.469	178	304165	49.236	ng		100
73) Carbazole	11.627	167	271357	51.657	ng		100
74) Di-n-butylphthalate	11.951	149	312467	49.205	ng		99
75) Fluoranthene	12.616	202	427142	68.061	ng		100
77) Benzidine	12.739	184	133514	36.092	ng		98
78) Pyrene	12.845	202	431778	42.819	ng		99
80) Butylbenzylphthalate	13.457	149	151029	43.214	ng		97
81) Benzo(a)anthracene	14.039	228	439751	50.734	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	48134	16.201	ng		97
83) Chrysene	14.074	228	406613	50.817	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	210157	43.926	ng		98
85) Di-n-octyl phthalate	14.627	149	381459	46.212	ng		100
87) Indeno(1,2,3-cd)pyrene	17.039	276	302202	33.521	ng		99
88) Benzo(b)fluoranthene	15.098	252	425168	59.547	ng		100
89) Benzo(k)fluoranthene	15.127	252	310490	46.460	ng		99
90) Benzo(a)pyrene	15.468	252	340639	51.714	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	236182	32.621	ng		98
92) Benzo(g,h,i)perylene	17.492	276	238294	33.329	ng		98

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

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