Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144392.D
Acq On : 01 Dec 2025 17:43
Operator : RC/JU
Sample : Q3735-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MS

Quant Time: Dec 02 00:08:38 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	49538	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	162841	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	75668	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	143189	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	136669	20.000	ng		0.00
86) Perylene-d12	15.527	264	107138	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	221527	69.979	ng		0.00
7) Phenol-d6	6.498	99	232338	64.774	ng		0.00
23) Nitrobenzene-d5	7.428	82	140640	49.881	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	66521	70.056	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	235489	45.964	ng		-0.01
79) Terphenyl-d14	12.980	244	309101	35.925	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	65145	49.776	ng		98
3) Pyridine	3.440	79	179798	49.242	ng		97
4) n-Nitrosodimethylamine	3.393	42	95198	49.914	ng		87
6) Aniline	6.528	93	98632	19.300	ng	#	81
8) 2-Chlorophenol	6.651	128	135265	43.571	ng		99
9) Benzaldehyde	6.416	77	68530	33.834	ng		99
10) Phenol	6.516	94	185691	42.372	ng		96
11) bis(2-Chloroethyl)ether	6.598	93	149087	46.687	ng		99
12) 1,3-Dichlorobenzene	6.804	146	177252	46.270	ng		98
13) 1,4-Dichlorobenzene	6.881	146	176204	45.912	ng		100
14) 1,2-Dichlorobenzene	7.034	146	170127	46.248	ng		99
15) Benzyl Alcohol	7.004	79	123279	43.405	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	265006	45.065	ng		86
17) 2-Methylphenol	7.122	107	102144	41.358	ng		98
18) Hexachloroethane	7.375	117	55485	43.515	ng		99
19) n-Nitroso-di-n-propyla...	7.269	70	101498	42.984	ng		99
20) 3+4-Methylphenols	7.275	107	121164	41.618	ng	#	88
22) Acetophenone	7.269	105	175732	50.305	ng		98
24) Nitrobenzene	7.445	77	146955	48.004	ng		98
25) Isophorone	7.686	82	253476	47.528	ng		99
26) 2-Nitrophenol	7.763	139	73931	48.786	ng		94
27) 2,4-Dimethylphenol	7.798	122	112605	49.576	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	165254	49.621	ng		98
29) 2,4-Dichlorophenol	8.010	162	110926	42.372	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	128116	47.659	ng		97
31) Naphthalene	8.169	128	355869	45.941	ng		99
32) Benzoic acid	7.916	122	59806	35.921	ng		96
33) 4-Chloroaniline	8.222	127	37238	13.181	ng		96
34) Hexachlorobutadiene	8.281	225	93033	45.921	ng		98
35) Caprolactam	8.581	113	30758	42.885	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	93881	40.015	ng		99
37) 2-Methylnaphthalene	8.857	142	206870	39.944	ng		99
38) 1-Methylnaphthalene	8.957	142	206178	41.259	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	124144	50.060	ng		98
41) Hexachlorocyclopentadiene	9.010	237	33420	43.093	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	79754	47.252	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	83020	45.637	ng		99
46) 1,1'-Biphenyl	9.322	154	271117	51.330	ng		99
47) 2-Chloronaphthalene	9.351	162	218598	48.518	ng		99
48) 2-Nitroaniline	9.445	65	62939	48.415	ng		96
49) Acenaphthylene	9.763	152	340422	55.445	ng		98
50) Dimethylphthalate	9.622	163	250400	49.952	ng		100
51) 2,6-Dinitrotoluene	9.686	165	53205	52.431	ng		93
52) Acenaphthene	9.939	154	181069	44.101	ng		99
53) 3-Nitroaniline	9.857	138	37904	34.170	ng		98
54) 2,4-Dinitrophenol	9.975	184	32760	53.462	ng		93
55) Dibenzofuran	10.110	168	274275	47.698	ng		97
56) 4-Nitrophenol	10.033	139	75741	94.390	ng		97
57) 2,4-Dinitrotoluene	10.098	165	71111	52.347	ng		97
58) Fluorene	10.451	166	218481	49.973	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	61338	47.658	ng		98
60) Diethylphthalate	10.322	149	230244	49.825	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	114834	46.111	ng		99
62) 4-Nitroaniline	10.475	138	51018	48.294	ng		94
63) Azobenzene	10.604	77	224073	52.101	ng		94
65) 4,6-Dinitro-2-methylph...	10.510	198	26253	26.989	ng		93
66) n-Nitrosodiphenylamine	10.563	169	210592	45.728	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	77131	42.202	ng		98
68) Hexachlorobenzene	11.004	284	95083	44.168	ng		96
69) Atrazine	11.092	200	72787	49.697	ng		99
70) Pentachlorophenol	11.204	266	102820	95.915	ng		98
71) Phenanthrene	11.422	178	343113	48.128	ng		99
72) Anthracene	11.474	178	354751	48.937	ng		100
73) Carbazole	11.627	167	328075	53.223	ng		100
74) Di-n-butylphthalate	11.951	149	404342	54.261	ng		99
75) Fluoranthene	12.616	202	431555	58.600	ng		99
77) Benzidine	12.739	184	171833	42.506	ng		99
78) Pyrene	12.845	202	452018	41.020	ng		100
80) Butylbenzylphthalate	13.457	149	192349	50.363	ng		97
81) Benzo(a)anthracene	14.039	228	465387	49.132	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	105053	32.356	ng		96
83) Chrysene	14.074	228	411235	47.030	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	279667	53.491	ng		99
85) Di-n-octyl phthalate	14.627	149	456273	50.582	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	287880	37.432	ng		98
88) Benzo(b)fluoranthene	15.098	252	356710	58.563	ng		100
89) Benzo(k)fluoranthene	15.127	252	318534	55.872	ng		100
90) Benzo(a)pyrene	15.468	252	291303	51.841	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	238557	38.623	ng		99
92) Benzo(g,h,i)perylene	17.492	276	233682	38.312	ng		97

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

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