Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144373.D
Acq On : 26 Nov 2025 21:13
Operator : RC/JU
Sample : Q3719-10MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-15BMS

Quant Time: Nov 27 00:52:48 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	68129	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	254538	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	135136	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	194979	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	161970	20.000	ng	0.00
86) Perylene-d12	15.527	264	205043	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	225932	51.895	ng	0.00
7) Phenol-d6	6.499	99	252307	51.147	ng	0.00
23) Nitrobenzene-d5	7.422	82	154741	35.111	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	69189	40.800	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	321458	35.133	ng	-0.01
79) Terphenyl-d14	12.975	244	258314	25.332	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	65224	36.237	ng	99
3) Pyridine	3.428	79	178078	35.462	ng	98
4) n-Nitrosodimethylamine	3.381	42	97358	37.117	ng	87
6) Aniline	6.528	93	189842	27.011	ng	98
8) 2-Chlorophenol	6.651	128	158748	37.181	ng	98
9) Benzaldehyde	6.416	77	82479	29.609	ng	99
10) Phenol	6.510	94	222385	36.897	ng	99
11) bis(2-Chloroethyl)ether	6.599	93	164150	37.377	ng	98
12) 1,3-Dichlorobenzene	6.804	146	195241	37.058	ng	98
13) 1,4-Dichlorobenzene	6.881	146	199903	37.873	ng	98
14) 1,2-Dichlorobenzene	7.034	146	189972	37.551	ng	98
15) Benzyl Alcohol	7.004	79	145696	37.299	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	308541	38.151	ng	92
17) 2-Methylphenol	7.122	107	124402	36.625	ng	97
18) Hexachloroethane	7.375	117	61582	35.118	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	114246	35.180	ng	98
20) 3+4-Methylphenols	7.275	107	145493	36.337	ng	95
22) Acetophenone	7.275	105	201737	36.945	ng	99
24) Nitrobenzene	7.446	77	178426	37.287	ng	98
25) Isophorone	7.687	82	313425	37.598	ng	98
26) 2-Nitrophenol	7.763	139	93041	39.278	ng	94
27) 2,4-Dimethylphenol	7.798	122	148663	41.873	ng	99
28) bis(2-Chloroethoxy)met...	7.893	93	202008	38.805	ng	98
29) 2,4-Dichlorophenol	8.004	162	148173	36.210	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	157654	37.519	ng	98
31) Naphthalene	8.169	128	445022	36.754	ng	99
32) Benzoic acid	7.922	122	92922	35.705	ng	91
33) 4-Chloroaniline	8.216	127	43697	9.895	ng	97
34) Hexachlorobutadiene	8.281	225	108053	34.121	ng	99
35) Caprolactam	8.592	113	43167	38.504	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	129604	35.340	ng	100
37) 2-Methylnaphthalene	8.857	142	268960	33.224	ng	99
38) 1-Methylnaphthalene	8.957	142	270362	34.612	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	161819	36.538	ng	99
41) Hexachlorocyclopentadiene	9.010	237	99829	63.164	ng	97
43) 2,4,6-Trichlorophenol	9.140	196	107638	35.709	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	115746	35.627	ng	98
46) 1,1'-Biphenyl	9.322	154	355501	37.687	ng	99
47) 2-Chloronaphthalene	9.351	162	293316	36.453	ng	98
48) 2-Nitroaniline	9.445	65	85339	36.758	ng	94
49) Acenaphthylene	9.763	152	444191	40.510	ng	100
50) Dimethylphthalate	9.622	163	344130	38.440	ng	99
51) 2,6-Dinitrotoluene	9.687	165	70954	39.152	ng	94
52) Acenaphthene	9.939	154	241901	32.990	ng	98
53) 3-Nitroaniline	9.857	138	46606	23.526	ng	99
54) 2,4-Dinitrophenol	9.975	184	64347	58.799	ng	94
55) Dibenzofuran	10.110	168	364323	35.476	ng	98
56) 4-Nitrophenol	10.028	139	78295	54.635	ng	97
57) 2,4-Dinitrotoluene	10.098	165	86743	35.754	ng	95
58) Fluorene	10.451	166	280336	35.904	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	78463	34.136	ng	99
60) Diethylphthalate	10.322	149	323697	39.223	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	153733	34.566	ng	98
62) 4-Nitroaniline	10.475	138	59669	31.627	ng	93
63) Azobenzene	10.604	77	292493	38.082	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	45639	34.456	ng	98
66) n-Nitrosodiphenylamine	10.563	169	267677	42.685	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	96839	38.911	ng	99
68) Hexachlorobenzene	11.004	284	108370	36.969	ng	95
69) Atrazine	11.092	200	82712	41.474	ng	98
70) Pentachlorophenol	11.204	266	96998	66.450	ng	99
71) Phenanthrene	11.416	178	373681	38.493	ng	99
72) Anthracene	11.469	178	372512	37.738	ng	100
73) Carbazole	11.628	167	312749	37.260	ng	98
74) Di-n-butylphthalate	11.951	149	403510	39.766	ng	100
75) Fluoranthene	12.610	202	384302	38.323	ng	98
77) Benzidine	12.733	184	165535	34.552	ng	99
78) Pyrene	12.839	202	393402	30.124	ng	98
80) Butylbenzylphthalate	13.457	149	152908	33.782	ng	98
81) Benzo(a)anthracene	14.033	228	420672	37.474	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	99136	25.764	ng	96
83) Chrysene	14.069	228	389178	37.555	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	230888	37.263	ng	98
85) Di-n-octyl phthalate	14.627	149	429239	40.152	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	358375	24.348	ng	97
88) Benzo(b)fluoranthene	15.092	252	446514	38.304	ng	100
89) Benzo(k)fluoranthene	15.121	252	381017	34.920	ng	98
90) Benzo(a)pyrene	15.463	252	415970	38.680	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	295475	24.996	ng	98
92) Benzo(g,h,i)perylene	17.480	276	269294	23.069	ng	97

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

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