Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144021.D
Acq On : 21 Oct 2025 19:28
Operator : RC/JU
Sample : Q3402-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
41-LBMS

Quant Time: Oct 22 11:11:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	97883	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	362327	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	171519	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	251833	20.00	ng		0.00
76) Chrysene-d12	14.063	240	215570	20.00	ng		0.00
86) Perylene-d12	15.545	264	288346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	585874	95.05	ng		0.00
7) Phenol-d6	6.510	99	686364	93.42	ng		0.00
23) Nitrobenzene-d5	7.445	82	377645	63.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	128593	75.27	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	502594	46.50	ng		-0.01
79) Terphenyl-d14	12.998	244	427888	33.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	129896	45.54	ng		95
3) Pyridine	3.446	79	354264	42.66	ng		98
4) n-Nitrosodimethylamine	3.393	42	211667	48.46	ng		96
6) Aniline	6.545	93	389317	35.36	ng		99
8) 2-Chlorophenol	6.669	128	291589	48.39	ng		96
9) Benzaldehyde	6.434	77	156751	27.66	ng		97
10) Phenol	6.522	94	435371	49.57	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	326113	48.06	ng		97
12) 1,3-Dichlorobenzene	6.822	146	349785	48.50	ng		99
13) 1,4-Dichlorobenzene	6.898	146	360908	50.73	ng		99
14) 1,2-Dichlorobenzene	7.051	146	339575	49.83	ng		99
15) Benzyl Alcohol	7.022	79	273254	49.64	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	749548	48.53	ng		100
17) 2-Methylphenol	7.134	107	232802	46.75	ng		99
18) Hexachloroethane	7.392	117	112145	47.27	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	226038	44.95	ng		98
20) 3+4-Methylphenols	7.287	107	274080	47.49	ng	#	68
22) Acetophenone	7.292	105	407740	53.22	ng		99
24) Nitrobenzene	7.463	77	334164	50.46	ng		95
25) Isophorone	7.698	82	596412	47.43	ng		99
26) 2-Nitrophenol	7.781	139	156979	55.29	ng		99
27) 2,4-Dimethylphenol	7.816	122	277081	54.25	ng		95
28) bis(2-Chloroethoxy)met...	7.910	93	390627	49.18	ng		98
29) 2,4-Dichlorophenol	8.022	162	251894	47.35	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	265404	50.72	ng		99
31) Naphthalene	8.187	128	789939	47.93	ng		99
32) Benzoic acid	7.928	122	183795	51.99	ng		97
33) 4-Chloroaniline	8.234	127	112990	18.28	ng		97
34) Hexachlorobutadiene	8.304	225	173151	47.62	ng		99
35) Caprolactam	8.598	113	80902	47.82	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	228368	44.69	ng		99
37) 2-Methylnaphthalene	8.875	142	467991	42.63	ng		99
38) 1-Methylnaphthalene	8.975	142	470146	44.15	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	272902	57.57	ng		98
41) Hexachlorocyclopentadiene	9.034	237	205343	104.41	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	175339	50.62	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	181781	49.66	ng	99
46) 1,1'-Biphenyl	9.339	154	649183	57.17	ng	98
47) 2-Chloronaphthalene	9.369	162	490643	51.82	ng	96
48) 2-Nitroaniline	9.463	65	163271	54.54	ng	98
49) Acenaphthylene	9.786	152	760218	57.11	ng	99
50) Dimethylphthalate	9.639	163	567160	52.07	ng	99
51) 2,6-Dinitrotoluene	9.704	165	117859	58.35	ng	95
52) Acenaphthene	9.957	154	443420	50.84	ng	98
53) 3-Nitroaniline	9.875	138	88035	35.60	ng	98
54) 2,4-Dinitrophenol	9.981	184	94795	76.43	ng	94
55) Dibenzofuran	10.128	168	595679	48.38	ng	99
56) 4-Nitrophenol	10.033	139	159580	85.22	ng	98
57) 2,4-Dinitrotoluene	10.110	165	153965	56.03	ng	96
58) Fluorene	10.475	166	453015	48.76	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	119888	46.27	ng	99
60) Diethylphthalate	10.339	149	504158	49.82	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	233202	47.48	ng	99
62) 4-Nitroaniline	10.486	138	109876	46.20	ng	91
63) Azobenzene	10.622	77	549618	51.97	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	72380	57.19	ng	98
66) n-Nitrosodiphenylamine	10.580	169	438535	55.46	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	137013	49.23	ng	96
68) Hexachlorobenzene	11.022	284	154149	47.84	ng	99
69) Atrazine	11.110	200	128608	53.66	ng	98
70) Pentachlorophenol	11.216	266	154905	83.71	ng	98
71) Phenanthrene	11.439	178	626490	51.31	ng	100
72) Anthracene	11.492	178	630911	51.15	ng	99
73) Carbazole	11.645	167	553053	50.63	ng	98
74) Di-n-butylphthalate	11.975	149	682358	53.90	ng	99
75) Fluoranthene	12.627	202	667503	52.93	ng	98
77) Benzidine	12.751	184	313101	41.83	ng	97
78) Pyrene	12.863	202	692293	38.52	ng	99
80) Butylbenzylphthalate	13.474	149	286154	49.03	ng	100
81) Benzo(a)anthracene	14.051	228	739023	52.39	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	200747	46.70	ng	98
83) Chrysene	14.092	228	700802	53.68	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	410102	58.29	ng	99
85) Di-n-octyl phthalate	14.651	149	785742	67.99	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	861279	48.75	ng	98
88) Benzo(b)fluoranthene	15.110	252	829420	50.08	ng	100
89) Benzo(k)fluoranthene	15.139	252	726742	47.42	ng	99
90) Benzo(a)pyrene	15.486	252	758262	52.80	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	686996	48.35	ng	98
92) Benzo(g,h,i)perylene	17.509	276	661800	46.57	ng	98

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

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