Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143936.D
Acq On : 13 Oct 2025 17:03
Operator : RC/JU
Sample : Q3323-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

Quant Time: Oct 13 17:39:33 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	102854	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	398815	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	212407	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	318280	20.000	ng		0.00
76) Chrysene-d12	14.063	240	214097	20.000	ng		0.00
86) Perylene-d12	15.551	264	282828	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	540422	83.437	ng		0.00
7) Phenol-d6	6.510	99	647978	83.932	ng		0.00
23) Nitrobenzene-d5	7.445	82	354728	54.039	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	151046	71.396	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	630189	47.077	ng		-0.01
79) Terphenyl-d14	13.004	244	464819	37.105	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	151215	50.452	ng		96
3) Pyridine	3.463	79	421165	48.269	ng		98
4) n-Nitrosodimethylamine	3.410	42	238965	52.062	ng		91
6) Aniline	6.545	93	414633	35.841	ng		98
8) 2-Chlorophenol	6.669	128	325846	51.466	ng		99
9) Benzaldehyde	6.434	77	195569	32.838	ng		97
10) Phenol	6.522	94	467678m	50.670	ng		
11) bis(2-Chloroethyl)ether	6.616	93	367429	51.534	ng		99
12) 1,3-Dichlorobenzene	6.822	146	375984	49.611	ng		99
13) 1,4-Dichlorobenzene	6.898	146	381694	51.058	ng		99
14) 1,2-Dichlorobenzene	7.051	146	364379	50.887	ng		99
15) Benzyl Alcohol	7.022	79	309207	53.455	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	864228	53.251	ng		100
17) 2-Methylphenol	7.134	107	270014	51.604	ng		99
18) Hexachloroethane	7.398	117	124887	50.093	ng		94
19) n-Nitroso-di-n-propyla...	7.292	70	249991	47.306	ng		97
20) 3+4-Methylphenols	7.287	107	298254	49.182	ng	#	74
22) Acetophenone	7.292	105	455226	53.984	ng		98
24) Nitrobenzene	7.463	77	385154	52.835	ng		98
25) Isophorone	7.704	82	683614	49.390	ng		99
26) 2-Nitrophenol	7.781	139	184091	58.903	ng		98
27) 2,4-Dimethylphenol	7.816	122	311340	55.378	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	438565	50.160	ng		99
29) 2,4-Dichlorophenol	8.022	162	289467	49.429	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	301586	52.364	ng		98
31) Naphthalene	8.187	128	895629	49.368	ng		99
32) Benzoic acid	7.934	122	217053	55.784	ng		98
33) 4-Chloroaniline	8.234	127	150904	22.178	ng		99
34) Hexachlorobutadiene	8.304	225	194305	48.550	ng		98
35) Caprolactam	8.604	113	92548	49.703	ng		92
36) 4-Chloro-3-methylphenol	8.716	107	272863	48.507	ng		99
37) 2-Methylnaphthalene	8.881	142	534321	44.215	ng		100
38) 1-Methylnaphthalene	8.981	142	538142	45.909	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	314433	53.560	ng		99
41) Hexachlorocyclopentadiene	9.034	237	270425	111.035	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	208562	48.622	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	219992	48.532	ng		99
46) 1,1'-Biphenyl	9.345	154	750965	53.399	ng		99
47) 2-Chloronaphthalene	9.369	162	573659	48.925	ng		97
48) 2-Nitroaniline	9.463	65	198418	53.525	ng		98
49) Acenaphthylene	9.786	152	891449	54.079	ng		100
50) Dimethylphthalate	9.645	163	646285	47.913	ng		100
51) 2,6-Dinitrotoluene	9.704	165	145229	58.063	ng		99
52) Acenaphthene	9.957	154	544027	50.366	ng		100
53) 3-Nitroaniline	9.875	138	103379	33.755	ng		100
54) 2,4-Dinitrophenol	9.986	184	129241	83.441	ng		92
55) Dibenzofuran	10.133	168	717104	47.031	ng		98
56) 4-Nitrophenol	10.033	139	213285	91.976	ng		94
57) 2,4-Dinitrotoluene	10.110	165	185908	54.627	ng		98
58) Fluorene	10.475	166	532091	46.248	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	154193	48.054	ng		98
60) Diethylphthalate	10.345	149	589961	47.079	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	279036	45.873	ng		99
62) 4-Nitroaniline	10.492	138	135593	46.040	ng		94
63) Azobenzene	10.628	77	678337	51.794	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	94109	58.839	ng		93
66) n-Nitrosodiphenylamine	10.586	169	534214	53.455	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	174746	49.679	ng		97
68) Hexachlorobenzene	11.022	284	199135	48.901	ng		98
69) Atrazine	11.110	200	157552	52.014	ng		95
70) Pentachlorophenol	11.216	266	211801	90.560	ng		98
71) Phenanthrene	11.439	178	774037	50.163	ng		99
72) Anthracene	11.492	178	751677	48.221	ng		98
73) Carbazole	11.645	167	666309	48.262	ng		99
74) Di-n-butylphthalate	11.975	149	806141	50.381	ng		99
75) Fluoranthene	12.633	202	742601	46.592	ng		99
77) Benzidine	12.757	184	310318	41.743	ng		99
78) Pyrene	12.863	202	755659	42.336	ng		99
80) Butylbenzylphthalate	13.480	149	291381	50.266	ng		98
81) Benzo(a)anthracene	14.057	228	750807	53.588	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	163606	38.318	ng	#	95
83) Chrysene	14.092	228	662977	51.127	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	396516	56.745	ng		99
85) Di-n-octyl phthalate	14.657	149	780708	68.024	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	918399	52.994	ng		99
88) Benzo(b)fluoranthene	15.116	252	768529	47.304	ng		98
89) Benzo(k)fluoranthene	15.145	252	753471	50.120	ng		99
90) Benzo(a)pyrene	15.486	252	765812	54.362	ng		98
91) Dibenzo(a,h)anthracene	17.074	278	730272	52.395	ng		97
92) Benzo(g,h,i)perylene	17.515	276	741849	53.225	ng		98

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

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