Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143935.D
Acq On : 13 Oct 2025 16:33
Operator : RC/JU
Sample : Q3323-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 13 17:21:33 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	107554	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	415656	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	216450	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	333679	20.000	ng		0.00
76) Chrysene-d12	14.063	240	222422	20.000	ng		0.00
86) Perylene-d12	15.551	264	297210	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	526920	77.797	ng		0.00
7) Phenol-d6	6.504	99	628812	77.890	ng		-0.01
23) Nitrobenzene-d5	7.445	82	350641	51.252	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	148746	68.995	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	620021	45.452	ng		-0.01
79) Terphenyl-d14	13.004	244	479545	36.848	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	145623	46.463	ng		97
3) Pyridine	3.463	79	404088	44.288	ng		99
4) n-Nitrosodimethylamine	3.410	42	230157	47.952	ng		91
6) Aniline	6.545	93	409288	33.833	ng		99
8) 2-Chlorophenol	6.669	128	315099	47.594	ng		97
9) Benzaldehyde	6.434	77	184992	29.705	ng		99
10) Phenol	6.522	94	450834m	46.711	ng		
11) bis(2-Chloroethyl)ether	6.616	93	355331	47.659	ng		98
12) 1,3-Dichlorobenzene	6.822	146	367467	46.368	ng		99
13) 1,4-Dichlorobenzene	6.898	146	378849	48.463	ng		99
14) 1,2-Dichlorobenzene	7.051	146	365125	48.763	ng		99
15) Benzyl Alcohol	7.022	79	304593	50.356	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	828052	48.793	ng		99
17) 2-Methylphenol	7.134	107	263304	48.123	ng		98
18) Hexachloroethane	7.398	117	124956	47.930	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	245118	44.357	ng		99
20) 3+4-Methylphenols	7.287	107	291732	46.004	ng	#	72
22) Acetophenone	7.292	105	444439	50.569	ng		100
24) Nitrobenzene	7.463	77	371851	48.943	ng		99
25) Isophorone	7.704	82	665853	46.157	ng		98
26) 2-Nitrophenol	7.781	139	176974	54.331	ng		99
27) 2,4-Dimethylphenol	7.816	122	305284	52.101	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	429231	47.103	ng		100
29) 2,4-Dichlorophenol	8.022	162	284646	46.637	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	290682	48.426	ng		99
31) Naphthalene	8.186	128	876011	46.330	ng		100
32) Benzoic acid	7.928	122	219164	54.045	ng		98
33) 4-Chloroaniline	8.233	127	167106	23.565	ng		98
34) Hexachlorobutadiene	8.304	225	192458	46.140	ng		99
35) Caprolactam	8.604	113	92189	47.504	ng		95
36) 4-Chloro-3-methylphenol	8.716	107	271057	46.233	ng		99
37) 2-Methylnaphthalene	8.881	142	513329	40.757	ng		96
38) 1-Methylnaphthalene	8.981	142	533256	43.649	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	309130	51.673	ng		98
41) Hexachlorocyclopentadiene	9.033	237	282083	113.659	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	206484	47.239	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	221976	48.055	ng		98
46) 1,1'-Biphenyl	9.345	154	742911	51.840	ng		99
47) 2-Chloronaphthalene	9.369	162	557020	46.618	ng		98
48) 2-Nitroaniline	9.463	65	198434	52.529	ng		99
49) Acenaphthylene	9.786	152	879612	52.364	ng		99
50) Dimethylphthalate	9.645	163	643868	46.842	ng		99
51) 2,6-Dinitrotoluene	9.704	165	143281	56.214	ng		98
52) Acenaphthene	9.957	154	538662	48.938	ng		99
53) 3-Nitroaniline	9.875	138	104601	33.516	ng		99
54) 2,4-Dinitrophenol	9.986	184	129631	82.239	ng		93
55) Dibenzofuran	10.133	168	712474	45.855	ng		99
56) 4-Nitrophenol	10.033	139	212893	90.092	ng		95
57) 2,4-Dinitrotoluene	10.110	165	184940	53.327	ng		100
58) Fluorene	10.475	166	528307	45.061	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	154695m	47.310	ng		
60) Diethylphthalate	10.345	149	588987	46.124	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	275581	44.459	ng		99
62) 4-Nitroaniline	10.492	138	141971	47.305	ng		92
63) Azobenzene	10.627	77	673525	50.466	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	93633	55.840	ng		95
66) n-Nitrosodiphenylamine	10.586	169	535812	51.141	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	176200	47.781	ng		99
68) Hexachlorobenzene	11.027	284	199700	46.776	ng		97
69) Atrazine	11.116	200	163108	51.363	ng		98
70) Pentachlorophenol	11.222	266	221671	90.406	ng		99
71) Phenanthrene	11.439	178	762488	47.135	ng		99
72) Anthracene	11.492	178	773184	47.311	ng		99
73) Carbazole	11.645	167	670408	46.318	ng		100
74) Di-n-butylphthalate	11.974	149	815746	48.629	ng		99
75) Fluoranthene	12.633	202	748079	44.770	ng		99
77) Benzidine	12.757	184	311975	40.395	ng		98
78) Pyrene	12.863	202	774591	41.773	ng		100
80) Butylbenzylphthalate	13.480	149	295803	49.119	ng		98
81) Benzo(a)anthracene	14.057	228	752478	51.697	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	162011	36.524	ng	#	99
83) Chrysene	14.092	228	652141	48.409	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	405514	55.860	ng		100
85) Di-n-octyl phthalate	14.657	149	781103	65.511	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	925104	50.798	ng		98
88) Benzo(b)fluoranthene	15.115	252	755780	44.268	ng		98
89) Benzo(k)fluoranthene	15.145	252	748875	47.404	ng		99
90) Benzo(a)pyrene	15.486	252	753600	50.906	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	727986	49.703	ng		99
92) Benzo(g,h,i)perylene	17.515	276	735960	50.247	ng		98

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

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