Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144058.D
Acq On : 24 Oct 2025 11:39
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Oct 24 17:01:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	93506	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	345633	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	181955	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	301308	20.000	ng		0.00
76) Chrysene-d12	14.057	240	243705	20.000	ng		0.00
86) Perylene-d12	15.539	264	290045	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	123660	20.923	ng		0.00
7) Phenol-d6	6.498	99	134938	20.673	ng		0.00
23) Nitrobenzene-d5	7.440	82	130813	20.735	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	45367	19.574	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	273504	21.152	ng		0.00
79) Terphenyl-d14	12.992	244	276477	19.833	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	23088	9.040	ng		96
3) Pyridine	3.410	79	64703	9.463	ng		95
4) n-Nitrosodimethylamine	3.340	42	37657	8.963	ng		98
6) Aniline	6.540	93	100630	10.776	ng		97
8) 2-Chlorophenol	6.663	128	61265	10.526	ng		96
9) Benzaldehyde	6.428	77	51089	10.081	ng		99
10) Phenol	6.516	94	86962	10.799	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	59764	10.271	ng		99
12) 1,3-Dichlorobenzene	6.816	146	73976	10.303	ng		99
13) 1,4-Dichlorobenzene	6.898	146	73246	10.352	ng		96
14) 1,2-Dichlorobenzene	7.045	146	72385	10.573	ng		97
15) Benzyl Alcohol	7.016	79	52766	9.942	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	113682	10.395	ng		98
17) 2-Methylphenol	7.128	107	47217	10.548	ng		93
18) Hexachloroethane	7.393	117	25444	10.058	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	45435	10.764	ng		92
20) 3+4-Methylphenols	7.281	107	59370	11.219	ng	#	82
22) Acetophenone	7.287	105	79330	10.620	ng		91
24) Nitrobenzene	7.457	77	66345	9.941	ng		95
25) Isophorone	7.692	82	114333	10.366	ng		99
26) 2-Nitrophenol	7.775	139	31721	9.992	ng		98
27) 2,4-Dimethylphenol	7.810	122	48192	10.215	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	70437	10.241	ng		96
29) 2,4-Dichlorophenol	8.016	162	59570	10.858	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	58514	10.367	ng		99
31) Naphthalene	8.181	128	173217	10.618	ng		99
32) Benzoic acid	7.904	122	37467	12.520	ng	#	81
33) 4-Chloroaniline	8.234	127	61541	10.837	ng		96
34) Hexachlorobutadiene	8.298	225	47643	10.323	ng		96
35) Caprolactam	8.575	113	13454	9.779	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	50000	10.327	ng		95
37) 2-Methylnaphthalene	8.875	142	113005	10.507	ng		98
38) 1-Methylnaphthalene	8.975	142	108437	10.642	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	64302	10.283	ng		99
41) Hexachlorocyclopentadiene	9.028	237	13467	6.972	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	40647	10.000	ng		96

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44) 2,4,5-Trichlorophenol	9.192	196	44114	10.341	ng	96
46) 1,1'-Biphenyl	9.334	154	139423	10.704	ng	99
47) 2-Chloronaphthalene	9.363	162	115014	10.540	ng	94
48) 2-Nitroaniline	9.457	65	32649	10.076	ng	99
49) Acenaphthylene	9.775	152	154058	10.470	ng	99
50) Dimethylphthalate	9.628	163	120856	10.133	ng	99
51) 2,6-Dinitrotoluene	9.698	165	23341	9.899	ng	93
52) Acenaphthene	9.951	154	104855	10.671	ng	99
53) 3-Nitroaniline	9.869	138	26729	10.196	ng	97
54) 2,4-Dinitrophenol	9.981	184	14660	11.496	ng	91
55) Dibenzofuran	10.122	168	142976	10.481	ng	98
56) 4-Nitrophenol	10.028	139	20383	11.482	ng	94
57) 2,4-Dinitrotoluene	10.098	165	31163	9.793	ng	96
58) Fluorene	10.469	166	106355	10.232	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.239	232	28893	9.612	ng	99
60) Diethylphthalate	10.334	149	115029	10.256	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	60704	10.385	ng	97
62) 4-Nitroaniline	10.481	138	24222	9.752	ng	98
63) Azobenzene	10.616	77	107163	10.095	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	20093	10.394	ng	95
66) n-Nitrosodiphenylamine	10.575	169	100334	10.422	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	38639	10.242	ng	99
68) Hexachlorobenzene	11.016	284	50850	10.990	ng	96
69) Atrazine	11.098	200	33605	10.638	ng	99
70) Pentachlorophenol	11.216	266	18468	8.386	ng	97
71) Phenanthrene	11.433	178	156663	10.467	ng	96
72) Anthracene	11.486	178	162203	10.491	ng	100
73) Carbazole	11.639	167	138634	10.534	ng	99
74) Di-n-butylphthalate	11.969	149	164302	10.183	ng	100
75) Fluoranthene	12.622	202	173397	10.486	ng	98
77) Benzidine	12.751	184	83945	11.068	ng	99
78) Pyrene	12.857	202	178638	10.196	ng	99
80) Butylbenzylphthalate	13.469	149	66048	9.964	ng	97
81) Benzo(a)anthracene	14.045	228	161042	9.778	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	57120	9.963	ng	97
83) Chrysene	14.080	228	153845	9.954	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	88365	9.765	ng	99
85) Di-n-octyl phthalate	14.645	149	149635	9.616	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	193064	9.695	ng	99
88) Benzo(b)fluoranthene	15.104	252	160748	9.803	ng	100
89) Benzo(k)fluoranthene	15.133	252	156128	10.320	ng	100
90) Benzo(a)pyrene	15.474	252	143530	9.757	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	153941	9.766	ng	98
92) Benzo(g,h,i)perylene	17.486	276	152368	9.614	ng	98

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

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