Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143721.D
Acq On : 11 Sep 2025 22:24
Operator : RC/JU
Sample : Q3075-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MSD

Quant Time: Sep 12 04:42:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	37764	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	139795	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	71761	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	100501	20.000	ng	0.01
76) Chrysene-d12	14.062	240	93042	20.000	ng	0.02
86) Perylene-d12	15.539	264	63866	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	167616	75.727	ng	0.01
7) Phenol-d6	6.516	99	207480	76.985	ng	0.01
23) Nitrobenzene-d5	7.457	82	124107	55.220	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	49373	68.271	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	239531	50.423	ng	0.00
79) Terphenyl-d14	13.004	244	223612	38.947	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	41434	41.965	ng	99
3) Pyridine	3.481	79	109083	42.769	ng	100
4) n-Nitrosodimethylamine	3.434	42	48902	50.475	ng	99
6) Aniline	6.557	93	126264	35.373	ng	98
8) 2-Chlorophenol	6.675	128	119473	49.977	ng	98
9) Benzaldehyde	6.445	77	78201	35.964	ng	99
10) Phenol	6.528	94	153182	51.419	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	110094	49.481	ng	98
12) 1,3-Dichlorobenzene	6.834	146	136685	49.994	ng	99
13) 1,4-Dichlorobenzene	6.916	146	137234	49.731	ng	100
14) 1,2-Dichlorobenzene	7.063	146	130412	50.044	ng	99
15) Benzyl Alcohol	7.034	79	103057	52.569	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	135348	46.497	ng	99
17) 2-Methylphenol	7.139	107	96667	50.268	ng	99
18) Hexachloroethane	7.410	117	42183	47.321	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	80920	48.888	ng	99
20) 3+4-Methylphenols	7.292	107	129346	51.077	ng	95
22) Acetophenone	7.304	105	184633	58.478	ng	98
24) Nitrobenzene	7.475	77	117870	50.580	ng	97
25) Isophorone	7.716	82	220264	51.109	ng	99
26) 2-Nitrophenol	7.792	139	63991	55.849	ng	97
27) 2,4-Dimethylphenol	7.822	122	113839	55.344	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	134614	50.827	ng	99
29) 2,4-Dichlorophenol	8.028	162	103387	49.967	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	112603	52.530	ng	100
31) Naphthalene	8.198	128	347213	50.173	ng	99
32) Benzoic acid	7.933	122	73159	58.298	ng	98
33) 4-Chloroaniline	8.245	127	51069	21.198	ng	98
34) Hexachlorobutadiene	8.316	225	68744	49.167	ng	99
35) Caprolactam	8.616	113	29444	53.466	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	100605	49.312	ng	97
37) 2-Methylnaphthalene	8.892	142	210401	44.415	ng	100
38) 1-Methylnaphthalene	8.992	142	216401	47.600	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	121088	58.941	ng	100
41) Hexachlorocyclopentadiene	9.045	237	72002	68.266	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	74557	54.349	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	75151	53.887	ng		99
46) 1,1'-Biphenyl	9.357	154	310534	60.108	ng		99
47) 2-Chloronaphthalene	9.380	162	213366	52.682	ng		100
48) 2-Nitroaniline	9.469	65	58964	55.014	ng		97
49) Acenaphthylene	9.798	152	344799	59.432	ng		99
50) Dimethylphthalate	9.651	163	256454	54.927	ng		99
51) 2,6-Dinitrotoluene	9.716	165	51993	58.242	ng		93
52) Acenaphthene	9.969	154	205033	51.287	ng		99
53) 3-Nitroaniline	9.880	138	35327	36.773	ng		100
54) 2,4-Dinitrophenol	9.986	184	28365	60.527	ng	#	63
55) Dibenzofuran	10.139	168	290305	50.500	ng		99
56) 4-Nitrophenol	10.033	139	76288	99.815	ng		98
57) 2,4-Dinitrotoluene	10.116	165	66727	54.921	ng		98
58) Fluorene	10.480	166	227397	50.534	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	57091	50.486	ng		99
60) Diethylphthalate	10.357	149	233466	53.262	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	113411	49.694	ng		99
62) 4-Nitroaniline	10.492	138	42209	46.389	ng		100
63) Azobenzene	10.633	77	203216	52.441	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	23462	45.852	ng		94
66) n-Nitrosodiphenylamine	10.592	169	189176	57.458	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	65137	53.746	ng		96
68) Hexachlorobenzene	11.027	284	66747	52.158	ng		95
69) Atrazine	11.116	200	61598	59.670	ng		99
70) Pentachlorophenol	11.222	266	86305	111.565	ng		99
71) Phenanthrene	11.445	178	315136	56.910	ng		99
72) Anthracene	11.498	178	300906	54.042	ng		99
73) Carbazole	11.651	167	256507	56.252	ng		100
74) Di-n-butylphthalate	11.980	149	316514	57.654	ng		100
75) Fluoranthene	12.633	202	367831	72.359	ng		99
77) Benzidine	12.757	184	128211	42.257	ng		100
78) Pyrene	12.868	202	369628	49.687	ng		99
80) Butylbenzylphthalate	13.486	149	209866	90.040	ng		99
81) Benzo(a)anthracene	14.057	228	368106	61.497	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	85601	46.485	ng		98
83) Chrysene	14.092	228	311340	56.791	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	184658	55.526	ng		98
85) Di-n-octyl phthalate	14.657	149	318054	53.369	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	187792	43.084	ng		99
88) Benzo(b)fluoranthene	15.109	252	302163	79.478	ng		98
89) Benzo(k)fluoranthene	15.139	252	220872	64.372	ng		100
90) Benzo(a)pyrene	15.480	252	210590	63.051	ng		100
91) Dibenzo(a,h)anthracene	17.056	278	143508	39.684	ng		98
92) Benzo(g,h,i)perylene	17.492	276	149837	44.297	ng		99

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

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