Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
Data File : BF144312.D
Acq On : 21 Nov 2025 17:20
Operator : RC/JU
Sample : Q3699-03MSD 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112025MSD

Quant Time: Nov 21 17:55:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	52096	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	188487	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	99312	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	175705	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	149533	20.000	ng		0.00
86) Perylene-d12	15.527	264	127773	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	184951	55.556	ng		0.00
7) Phenol-d6	6.498	99	205798	54.558	ng		0.00
23) Nitrobenzene-d5	7.422	82	118932	36.442	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	64544	51.791	ng		-0.01
45) 2-Fluorobiphenyl	9.222	172	255036	37.928	ng		0.00
79) Terphenyl-d14	12.980	244	296100	31.453	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	34008	24.709	ng		98
3) Pyridine	3.416	79	85863	22.361	ng		98
4) n-Nitrosodimethylamine	3.351	42	48669	24.265	ng		89
6) Aniline	6.528	93	66847	12.438	ng		96
8) 2-Chlorophenol	6.651	128	79987	24.500	ng		98
9) Benzaldehyde	6.416	77	41194	19.340	ng		95
10) Phenol	6.510	94	110559	23.989	ng		94
11) bis(2-Chloroethyl)ether	6.598	93	83940	24.995	ng		99
12) 1,3-Dichlorobenzene	6.804	146	99146	24.610	ng		98
13) 1,4-Dichlorobenzene	6.881	146	102393	25.369	ng		98
14) 1,2-Dichlorobenzene	7.034	146	97101	25.100	ng		99
15) Benzyl Alcohol	7.004	79	72035	24.117	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	150064	24.266	ng		94
17) 2-Methylphenol	7.116	107	62507	24.066	ng		95
18) Hexachloroethane	7.375	117	30276	22.579	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	59192	23.837	ng		99
20) 3+4-Methylphenols	7.269	107	77364	25.268	ng	#	86
22) Acetophenone	7.269	105	109840	27.165	ng		97
24) Nitrobenzene	7.445	77	86245	24.339	ng		97
25) Isophorone	7.681	82	151427	24.530	ng		99
26) 2-Nitrophenol	7.763	139	42932	24.476	ng		95
27) 2,4-Dimethylphenol	7.798	122	73627	28.005	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	97752	25.358	ng		97
29) 2,4-Dichlorophenol	8.004	162	72130	23.804	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	78220	25.139	ng		97
31) Naphthalene	8.169	128	224243	25.010	ng		98
32) Benzoic acid	7.898	122	41832	21.707	ng		95
33) 4-Chloroaniline	8.216	127	39528	12.088	ng		97
34) Hexachlorobutadiene	8.281	225	54316	23.162	ng		100
35) Caprolactam	8.569	113	21659	26.090	ng		91
36) 4-Chloro-3-methylphenol	8.698	107	62667	23.076	ng		100
37) 2-Methylnaphthalene	8.857	142	136272	22.732	ng		99
38) 1-Methylnaphthalene	8.957	142	131703	22.769	ng		96
40) 1,2,4,5-Tetrachloroben...	9.028	216	80346	24.686	ng		100
41) Hexachlorocyclopentadiene	9.010	237	18574	22.620	ng		95
43) 2,4,6-Trichlorophenol	9.139	196	53337	24.077	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	56587	23.701	ng	98
46) 1,1'-Biphenyl	9.322	154	176666	25.485	ng	98
47) 2-Chloronaphthalene	9.345	162	146792	24.824	ng	98
48) 2-Nitroaniline	9.445	65	42562	24.946	ng	92
49) Acenaphthylene	9.763	152	230039	28.547	ng	99
50) Dimethylphthalate	9.622	163	172551	26.227	ng	99
51) 2,6-Dinitrotoluene	9.686	165	34548	25.940	ng	95
52) Acenaphthene	9.933	154	125880	23.360	ng	98
53) 3-Nitroaniline	9.857	138	28348	19.471	ng	94
54) 2,4-Dinitrophenol	9.975	184	7458	9.273	ng	94
55) Dibenzofuran	10.110	168	189196	25.069	ng	98
56) 4-Nitrophenol	10.028	139	50470	47.923	ng	91
57) 2,4-Dinitrotoluene	10.092	165	47194	26.470	ng	98
58) Fluorene	10.451	166	151053	26.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	42843	25.363	ng	99
60) Diethylphthalate	10.322	149	157987	26.049	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	80823	24.728	ng	98
62) 4-Nitroaniline	10.469	138	32709	23.591	ng	92
63) Azobenzene	10.604	77	158594	28.097	ng	91
65) 4,6-Dinitro-2-methylph...	10.504	198	9180	7.691	ng	95
66) n-Nitrosodiphenylamine	10.563	169	143124	25.327	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	51614	23.014	ng	97
68) Hexachlorobenzene	11.004	284	61038	23.106	ng	100
69) Atrazine	11.086	200	49091	27.315	ng	98
70) Pentachlorophenol	11.204	266	63932	48.602	ng	99
71) Phenanthrene	11.416	178	251025	28.695	ng	100
72) Anthracene	11.469	178	239840	26.962	ng	100
73) Carbazole	11.627	167	214056	28.299	ng	99
74) Di-n-butylphthalate	11.951	149	257793	28.193	ng	99
75) Fluoranthene	12.610	202	335091	37.081	ng	99
77) Benzidine	12.733	184	107262	24.251	ng	99
78) Pyrene	12.845	202	331610	27.504	ng	99
80) Butylbenzylphthalate	13.457	149	111703	26.731	ng	96
81) Benzo(a)anthracene	14.033	228	303520	29.287	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	67341	18.956	ng	93
83) Chrysene	14.068	228	273432	28.580	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	152989	26.744	ng	98
85) Di-n-octyl phthalate	14.627	149	256887	26.028	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	179596	19.581	ng	97
88) Benzo(b)fluoranthene	15.092	252	245514	33.798	ng	98
89) Benzo(k)fluoranthene	15.121	252	216282	31.810	ng	97
90) Benzo(a)pyrene	15.462	252	199300	29.740	ng	96
91) Dibenzo(a,h)anthracene	17.039	278	136924	18.588	ng	97
92) Benzo(g,h,i)perylene	17.480	276	143512	19.729	ng	99

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

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