Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144353.D
Acq On : 25 Nov 2025 16:45
Operator : RC/JU
Sample : Q3700-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 17:19:01 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

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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11/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	53861	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	190607	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	99198	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	155991	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	130434	20.000	ng		0.00
86) Perylene-d12	15.521	264	172449	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	194442	56.493	ng		0.00
7) Phenol-d6	6.498	99	159367	40.864	ng		0.00
23) Nitrobenzene-d5	7.428	82	277154	83.979	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	87431	70.236	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	532251	79.245	ng		0.00
79) Terphenyl-d14	12.980	244	558112	67.966	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	35385	24.867	ng		98
3) Pyridine	3.440	79	76663	19.311	ng		99
4) n-Nitrosodimethylamine	3.352	42	48849	23.557	ng		87
6) Aniline	6.522	93	83223	14.978	ng	#	79
8) 2-Chlorophenol	6.651	128	116427	34.493	ng		98
9) Benzaldehyde	6.416	77	40147	18.230	ng		93
10) Phenol	6.510	94	98748	20.724	ng		99
11) bis(2-Chloroethyl)ether	6.592	93	129991	37.440	ng		98
12) 1,3-Dichlorobenzene	6.804	146	132881	31.903	ng		96
13) 1,4-Dichlorobenzene	6.881	146	132665	31.793	ng		99
14) 1,2-Dichlorobenzene	7.034	146	132828	33.210	ng		98
15) Benzyl Alcohol	7.010	79	99046	32.074	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	243783	38.128	ng		91
17) 2-Methylphenol	7.122	107	88729	33.043	ng		98
18) Hexachloroethane	7.369	117	42423	30.601	ng		95
19) n-Nitroso-di-n-propyla...	7.269	70	105824	41.219	ng		99
20) 3+4-Methylphenols	7.275	107	95847	30.279	ng	#	86
22) Acetophenone	7.269	105	169294	41.403	ng		97
24) Nitrobenzene	7.445	77	141812	39.576	ng		97
25) Isophorone	7.681	82	254373	40.749	ng		100
26) 2-Nitrophenol	7.763	139	74904	42.228	ng		94
27) 2,4-Dimethylphenol	7.798	122	108988	40.994	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	160427	41.154	ng		97
29) 2,4-Dichlorophenol	8.004	162	100562	32.818	ng		97
30) 1,2,4-Trichlorobenzene	8.086	180	95042	30.205	ng		98
31) Naphthalene	8.169	128	345459	38.101	ng		100
32) Benzoic acid	8.110	122	80415	41.263	ng		91
33) 4-Chloroaniline	8.222	127	22650	6.849	ng		99
34) Hexachlorobutadiene	8.281	225	79691	33.605	ng		99
35) Caprolactam	8.663	113	16274m	19.385	ng		
36) 4-Chloro-3-methylphenol	8.698	107	91325	33.255	ng		98
37) 2-Methylnaphthalene	8.857	142	215704	35.582	ng		100
38) 1-Methylnaphthalene	8.957	142	219134	37.463	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	131015	40.299	ng		99
41) Hexachlorocyclopentadiene	9.010	237	49582	47.285	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	75070	33.927	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	90124	37.791	ng		98
46) 1,1'-Biphenyl	9.322	154	285814	41.277	ng		98
47) 2-Chloronaphthalene	9.345	162	239366	40.526	ng		99
48) 2-Nitroaniline	9.445	65	71833	42.150	ng		97
49) Acenaphthylene	9.763	152	375819	46.691	ng		99
50) Dimethylphthalate	9.622	163	272662	41.491	ng		100
51) 2,6-Dinitrotoluene	9.686	165	58178	43.732	ng		95
52) Acenaphthene	9.933	154	198999	36.972	ng		99
53) 3-Nitroaniline	9.857	138	19864	13.659	ng		99
54) 2,4-Dinitrophenol	9.975	184	63964	79.625	ng		90
55) Dibenzofuran	10.110	168	283777	37.644	ng		99
56) 4-Nitrophenol	10.033	139	39630	37.673	ng		97
57) 2,4-Dinitrotoluene	10.092	165	74835	42.021	ng	#	95
58) Fluorene	10.457	166	229009	39.956	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	44324	26.270	ng	#	93
60) Diethylphthalate	10.328	149	238633	39.391	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	123983	37.976	ng		98
62) 4-Nitroaniline	10.475	138	37171	26.840	ng		96
63) Azobenzene	10.604	77	240425	42.643	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	41431	39.097	ng		93
66) n-Nitrosodiphenylamine	10.563	169	223535	44.555	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	79142	39.748	ng		95
68) Hexachlorobenzene	11.004	284	97105	41.405	ng		95
69) Atrazine	11.104	200	15114	9.473	ng		92
70) Pentachlorophenol	11.210	266	105053	89.955	ng		98
71) Phenanthrene	11.422	178	329105	42.375	ng		100
72) Anthracene	11.475	178	341408	43.231	ng		100
73) Carbazole	11.627	167	287923	42.875	ng		99
74) Di-n-butylphthalate	11.951	149	232800	28.677	ng		100
75) Fluoranthene	12.610	202	327220	40.786	ng		99
77) Benzidine	12.739	184	59222	15.350	ng	#	1
78) Pyrene	12.845	202	360652	34.293	ng		99
80) Butylbenzylphthalate	13.457	149	152695	41.892	ng		97
81) Benzo(a)anthracene	14.033	228	382904	42.356	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	58160	18.769	ng	#	94
83) Chrysene	14.068	228	351228	42.088	ng		97
84) Bis(2-ethylhexyl)phtha...	14.010	149	224203	44.933	ng		98
85) Di-n-octyl phthalate	14.627	149	404704	47.009	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	501862	40.541	ng		98
88) Benzo(b)fluoranthene	15.092	252	424646	43.313	ng		100
89) Benzo(k)fluoranthene	15.115	252	375509	40.920	ng		99
90) Benzo(a)pyrene	15.463	252	379258	41.932	ng		97
91) Dibenzo(a,h)anthracene	17.039	278	399195	40.154	ng		98
92) Benzo(g,h,i)perylene	17.480	276	413399	42.108	ng		99

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

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