Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144325.D
Acq On : 24 Nov 2025 15:50
Operator : RC/JU
Sample : Q3707-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 25 00:23:43 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 :
V933MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

11/25/2025
Supervised By :mohammad ahmed

11/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58197	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	219530	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	123038	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	202567	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	120422	20.000	ng	0.00
86) Perylene-d12	15.527	264	160562	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	182523	49.079	ng	0.00
7) Phenol-d6	6.498	99	283419	67.259	ng	0.00
23) Nitrobenzene-d5	7.428	82	216151	56.866	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	61192	39.633	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	439428	52.748	ng	0.00
79) Terphenyl-d14	12.980	244	418804	55.242	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	71547	46.534	ng	98
3) Pyridine	3.440	79	198438	46.261	ng	96
4) n-Nitrosodimethylamine	3.393	42	107362	47.916	ng	89
6) Aniline	6.528	93	199475	33.225	ng	97
8) 2-Chlorophenol	6.651	128	173617	47.604	ng	97
9) Benzaldehyde	6.416	77	87903	36.942	ng	96
10) Phenol	6.510	94	235833	45.806	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	176760	47.117	ng	98
12) 1,3-Dichlorobenzene	6.804	146	206934	45.981	ng	98
13) 1,4-Dichlorobenzene	6.881	146	211472	46.903	ng	99
14) 1,2-Dichlorobenzene	7.034	146	200933	46.495	ng	99
15) Benzyl Alcohol	7.004	79	162709	48.764	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	335006	48.492	ng	91
17) 2-Methylphenol	7.122	107	135684	46.764	ng	97
18) Hexachloroethane	7.375	117	68389	45.655	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	126447	45.583	ng	98
20) 3+4-Methylphenols	7.275	107	157059	45.920	ng	96
22) Acetophenone	7.275	105	219391	46.586	ng	97
24) Nitrobenzene	7.445	77	193196	46.812	ng	98
25) Isophorone	7.686	82	349181	48.566	ng	97
26) 2-Nitrophenol	7.763	139	101679	49.770	ng	96
27) 2,4-Dimethylphenol	7.798	122	163158	53.284	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	219539	48.898	ng	98
29) 2,4-Dichlorophenol	8.004	162	163191	46.240	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	178517	49.259	ng	95
31) Naphthalene	8.169	128	489719	46.895	ng	98
32) Benzoic acid	7.922	122	101725	45.321	ng	96
33) 4-Chloroaniline	8.216	127	67023	17.598	ng	98
34) Hexachlorobutadiene	8.281	225	121870	44.621	ng	98
35) Caprolactam	8.592	113	49934m	51.643	ng	
36) 4-Chloro-3-methylphenol	8.704	107	147677	46.690	ng	98
37) 2-Methylnaphthalene	8.857	142	301350	43.161	ng	98
38) 1-Methylnaphthalene	8.957	142	307268	45.610	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	179042	44.401	ng	98
41) Hexachlorocyclopentadiene	9.010	237	170392	98.949	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	124699	45.436	ng	98

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44) 2,4,5-Trichlorophenol	9.186	196	135064	45.662	ng	98
46) 1,1'-Biphenyl	9.322	154	406119	47.287	ng	100
47) 2-Chloronaphthalene	9.351	162	330247	45.079	ng	99
48) 2-Nitroaniline	9.451	65	99783	47.205	ng	92
49) Acenaphthylene	9.769	152	521558	52.243	ng	99
50) Dimethylphthalate	9.627	163	387256	47.510	ng	99
51) 2,6-Dinitrotoluene	9.692	165	85250	51.666	ng	95
52) Acenaphthene	9.939	154	280861	42.070	ng	99
53) 3-Nitroaniline	9.857	138	55043	30.516	ng	98
54) 2,4-Dinitrophenol	9.975	184	82162	82.461	ng	98
55) Dibenzofuran	10.110	168	424481	45.399	ng	99
56) 4-Nitrophenol	10.033	139	110298	84.535	ng	97
57) 2,4-Dinitrotoluene	10.098	165	107043	48.460	ng	95
58) Fluorene	10.457	166	331229	46.593	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	100122	47.842	ng	97
60) Diethylphthalate	10.322	149	363158	48.331	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	177561	43.849	ng	98
62) 4-Nitroaniline	10.480	138	84081	48.949	ng	90
63) Azobenzene	10.604	77	369585	52.850	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	63362	46.044	ng	93
66) n-Nitrosodiphenylamine	10.563	169	320696	49.224	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	118360	45.777	ng	96
68) Hexachlorobenzene	11.004	284	140834	46.244	ng	97
69) Atrazine	11.092	200	107076	51.679	ng	98
70) Pentachlorophenol	11.204	266	134384	88.613	ng	98
71) Phenanthrene	11.422	178	475567	47.153	ng	99
72) Anthracene	11.474	178	495154	48.283	ng	100
73) Carbazole	11.627	167	419258	48.078	ng	99
74) Di-n-butylphthalate	11.951	149	515400	48.890	ng	99
75) Fluoranthene	12.610	202	471869	45.292	ng	99
77) Benzidine	12.733	184	195112	54.776	ng	99
78) Pyrene	12.845	202	487678	50.227	ng	99
80) Butylbenzylphthalate	13.457	149	172312	51.204	ng	99
81) Benzo(a)anthracene	14.033	228	424419	50.852	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	68191	23.836	ng	96
83) Chrysene	14.074	228	393020	51.011	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	230847	50.111	ng	98
85) Di-n-octyl phthalate	14.627	149	406265	51.114	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	550485	47.761	ng	98
88) Benzo(b)fluoranthene	15.092	252	469917	51.479	ng	98
89) Benzo(k)fluoranthene	15.121	252	381343	44.633	ng	99
90) Benzo(a)pyrene	15.462	252	426159	50.605	ng	97
91) Dibenzo(a,h)anthracene	17.045	278	445052	48.080	ng	98
92) Benzo(g,h,i)perylene	17.486	276	459132	50.229	ng	97

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

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