Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144329.D
Acq On : 24 Nov 2025 17:48
Operator : RC/JU
Sample : Q3707-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V933MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Quant Time: Nov 25 00:26:28 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	54766	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	205072	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	113997	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	189321	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	118753	20.000	ng	0.00
86) Perylene-d12	15.521	264	159119	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	419706	119.926	ng	0.00
7) Phenol-d6	6.504	99	452322	114.066	ng	0.00
23) Nitrobenzene-d5	7.428	82	319756	90.054	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	180872	126.437	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	665060	86.164	ng	0.00
79) Terphenyl-d14	12.980	244	676665	90.509	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	65445	45.232	ng	# 78
3) Pyridine	3.493	79	158171	39.184	ng	98
4) n-Nitrosodimethylamine	3.422	42	98454	46.693	ng	92
6) Aniline	6.528	93	148216	26.234	ng	# 77
8) 2-Chlorophenol	6.651	128	160225	46.684	ng	99
9) Benzaldehyde	6.416	77	53337	23.820	ng	97
10) Phenol	6.516	94	200137	41.308	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	171129	48.474	ng	97
12) 1,3-Dichlorobenzene	6.804	146	190089	44.884	ng	100
13) 1,4-Dichlorobenzene	6.881	146	196929	46.413	ng	100
14) 1,2-Dichlorobenzene	7.034	146	188579	46.371	ng	99
15) Benzyl Alcohol	7.010	79	150845	48.040	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	315556	48.538	ng	98
17) 2-Methylphenol	7.122	107	126497	46.329	ng	99
18) Hexachloroethane	7.375	117	64267	45.591	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	118358	45.340	ng	97
20) 3+4-Methylphenols	7.275	107	144154	44.788	ng	91
22) Acetophenone	7.275	105	207807	47.237	ng	98
24) Nitrobenzene	7.445	77	182099	47.234	ng	99
25) Isophorone	7.686	82	322230	47.978	ng	99
26) 2-Nitrophenol	7.763	139	92599	48.521	ng	98
27) 2,4-Dimethylphenol	7.798	122	156654	54.766	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	209183	49.876	ng	98
29) 2,4-Dichlorophenol	8.010	162	155382	47.131	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	158730	46.887	ng	98
31) Naphthalene	8.169	128	457761	46.925	ng	99
32) Benzoic acid	7.928	122	92811	44.265	ng	94
33) 4-Chloroaniline	8.222	127	55001	15.459	ng	97
34) Hexachlorobutadiene	8.280	225	110648	43.369	ng	97
35) Caprolactam	8.592	113	42546m	47.105	ng	
36) 4-Chloro-3-methylphenol	8.704	107	139405	47.182	ng	99
37) 2-Methylnaphthalene	8.857	142	289102	44.326	ng	99
38) 1-Methylnaphthalene	8.957	142	285787	45.412	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	172759	46.241	ng	99
41) Hexachlorocyclopentadiene	9.010	237	127858	85.342	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	115873	45.569	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	126665	46.218	ng	98
46) 1,1'-Biphenyl	9.322	154	381944	47.999	ng	100
47) 2-Chloronaphthalene	9.351	162	311752	45.929	ng	99
48) 2-Nitroaniline	9.451	65	94133	48.064	ng	91
49) Acenaphthylene	9.769	152	490549	53.033	ng	99
50) Dimethylphthalate	9.622	163	366337	48.508	ng	99
51) 2,6-Dinitrotoluene	9.692	165	78967	51.654	ng	91
52) Acenaphthene	9.939	154	274447	44.370	ng	99
53) 3-Nitroaniline	9.863	138	50642	30.303	ng	93
54) 2,4-Dinitrophenol	9.974	184	83235	90.163	ng	96
55) Dibenzofuran	10.110	168	400031	46.177	ng	99
56) 4-Nitrophenol	10.033	139	96594	79.904	ng	95
57) 2,4-Dinitrotoluene	10.098	165	100987	49.344	ng	98
58) Fluorene	10.457	166	315378	47.882	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	92716	47.817	ng	99
60) Diethylphthalate	10.322	149	329027	47.261	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	172847	46.070	ng	99
62) 4-Nitroaniline	10.474	138	75197	47.249	ng	92
63) Azobenzene	10.604	77	318969	49.230	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	57239	44.505	ng	96
66) n-Nitrosodiphenylamine	10.563	169	304483	50.005	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	112421	46.522	ng	95
68) Hexachlorobenzene	11.004	284	130175	45.735	ng	97
69) Atrazine	11.092	200	95595	49.366	ng	99
70) Pentachlorophenol	11.204	266	130353	91.969	ng	97
71) Phenanthrene	11.421	178	449735	47.712	ng	99
72) Anthracene	11.474	178	463190	48.326	ng	100
73) Carbazole	11.627	167	400707	49.165	ng	99
74) Di-n-butylphthalate	11.951	149	489367	49.669	ng	99
75) Fluoranthene	12.610	202	459617	47.203	ng	99
77) Benzidine	12.733	184	73313	20.871	ng	99
78) Pyrene	12.839	202	464868	48.551	ng	99
80) Butylbenzylphthalate	13.457	149	173005	52.132	ng	96
81) Benzo(a)anthracene	14.033	228	412547	50.124	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	86695	30.730	ng	97
83) Chrysene	14.068	228	376479	49.551	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	227320	50.038	ng	99
85) Di-n-octyl phthalate	14.627	149	397359	50.696	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	554009	48.503	ng	98
88) Benzo(b)fluoranthene	15.092	252	434468	48.027	ng	99
89) Benzo(k)fluoranthene	15.121	252	409276	48.336	ng	98
90) Benzo(a)pyrene	15.462	252	422358	50.609	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	444089	48.411	ng	99
92) Benzo(g,h,i)perylene	17.486	276	458955	50.665	ng	98

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

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