Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144326.D
Acq On : 24 Nov 2025 16:20
Operator : RC/JU
Sample : Q3707-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V933MSD

Quant Time: Nov 25 00:24:30 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	54624	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	215864	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	121102	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	208077	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	137029	20.000	ng	0.00
86) Perylene-d12	15.527	264	164174	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	168183	48.181	ng	0.00
7) Phenol-d6	6.499	99	263644	66.658	ng	0.00
23) Nitrobenzene-d5	7.428	82	197868	52.940	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	58449	38.461	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	404991	49.392	ng	0.00
79) Terphenyl-d14	12.980	244	426736	49.466	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	66143	45.833	ng	98
3) Pyridine	3.434	79	180336	44.791	ng	97
4) n-Nitrosodimethylamine	3.387	42	99694	47.404	ng	90
6) Aniline	6.528	93	188120	33.383	ng	98
8) 2-Chlorophenol	6.651	128	156619	45.752	ng	99
9) Benzaldehyde	6.416	77	84091	37.652	ng	98
10) Phenol	6.510	94	222089	45.959	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	164978	46.853	ng	99
12) 1,3-Dichlorobenzene	6.804	146	194430	46.028	ng	96
13) 1,4-Dichlorobenzene	6.881	146	195544	46.207	ng	100
14) 1,2-Dichlorobenzene	7.034	146	189364	46.685	ng	98
15) Benzyl Alcohol	7.004	79	146526	46.786	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	309649	47.754	ng	92
17) 2-Methylphenol	7.116	107	128764	47.282	ng	97
18) Hexachloroethane	7.375	117	63315	45.033	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	117230	45.024	ng	99
20) 3+4-Methylphenols	7.275	107	144498	45.011	ng	94
22) Acetophenone	7.275	105	204726	44.210	ng	98
24) Nitrobenzene	7.446	77	179427	44.214	ng	97
25) Isophorone	7.687	82	320967	45.400	ng	98
26) 2-Nitrophenol	7.763	139	94686	47.134	ng	97
27) 2,4-Dimethylphenol	7.798	122	155426	51.620	ng	99
28) bis(2-Chloroethoxy)met...	7.893	93	206577	46.792	ng	98
29) 2,4-Dichlorophenol	8.004	162	151014	43.516	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	159713	44.819	ng	97
31) Naphthalene	8.169	128	453440	44.159	ng	99
32) Benzoic acid	7.922	122	93081	42.174	ng	92
33) 4-Chloroaniline	8.216	127	69186	18.474	ng	97
34) Hexachlorobutadiene	8.281	225	112534	41.903	ng	100
35) Caprolactam	8.592	113	48352	50.856	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	139076	44.717	ng	99
37) 2-Methylnaphthalene	8.857	142	280935	40.920	ng	99
38) 1-Methylnaphthalene	8.957	142	285640	43.120	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	170933	43.068	ng	98
41) Hexachlorocyclopentadiene	9.010	237	150265	91.642	ng	96
43) 2,4,6-Trichlorophenol	9.140	196	121470	44.967	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	127127	43.665	ng		98
46) 1,1'-Biphenyl	9.322	154	377862	44.700	ng		100
47) 2-Chloronaphthalene	9.351	162	317454	44.025	ng		98
48) 2-Nitroaniline	9.445	65	99746	47.942	ng		99
49) Acenaphthylene	9.769	152	492588	50.130	ng		99
50) Dimethylphthalate	9.622	163	372317	46.408	ng		99
51) 2,6-Dinitrotoluene	9.692	165	81646	50.273	ng		91
52) Acenaphthene	9.939	154	268034	40.790	ng		100
53) 3-Nitroaniline	9.857	138	54542	30.722	ng		99
54) 2,4-Dinitrophenol	9.975	184	79178	80.736	ng		95
55) Dibenzofuran	10.110	168	399023	43.358	ng		99
56) 4-Nitrophenol	10.034	139	108599	84.564	ng		95
57) 2,4-Dinitrotoluene	10.098	165	106086	48.795	ng	#	97
58) Fluorene	10.457	166	320519	45.808	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	96323	46.762	ng		98
60) Diethylphthalate	10.322	149	341279	46.145	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	173666	43.572	ng		98
62) 4-Nitroaniline	10.475	138	84756	50.130	ng		92
63) Azobenzene	10.604	77	351341	51.044	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	61956	43.830	ng		94
66) n-Nitrosodiphenylamine	10.563	169	311690	46.574	ng		100
67) 4-Bromophenyl-phenylether	10.934	248	112150	42.227	ng		96
68) Hexachlorobenzene	11.004	284	137753	44.034	ng		98
69) Atrazine	11.092	200	106829	50.194	ng		98
70) Pentachlorophenol	11.204	266	133840	85.917	ng		99
71) Phenanthrene	11.422	178	468568	45.229	ng		100
72) Anthracene	11.475	178	479971	45.563	ng		100
73) Carbazole	11.628	167	423160	47.240	ng		99
74) Di-n-butylphthalate	11.951	149	519771	47.999	ng		100
75) Fluoranthene	12.610	202	491252	45.904	ng		99
77) Benzidine	12.733	184	207618	51.223	ng		99
78) Pyrene	12.845	202	490645	44.408	ng		100
80) Butylbenzylphthalate	13.457	149	187190	48.884	ng		97
81) Benzo(a)anthracene	14.033	228	434525	45.753	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	69515	21.354	ng		99
83) Chrysene	14.074	228	404897	46.184	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	242744	46.307	ng		98
85) Di-n-octyl phthalate	14.627	149	413956	45.770	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	521774	44.274	ng		97
88) Benzo(b)fluoranthene	15.092	252	415342	44.500	ng		99
89) Benzo(k)fluoranthene	15.121	252	434837	49.774	ng		99
90) Benzo(a)pyrene	15.463	252	417211	48.453	ng	#	99
91) Dibenzo(a,h)anthracene	17.045	278	418978	44.268	ng		99
92) Benzo(g,h,i)perylene	17.486	276	435956	46.644	ng		98

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

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