Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144250.D
Acq On : 13 Nov 2025 18:23
Operator : RC/JU
Sample : Q3609-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 14 00:44:32 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	6.869	152	58195	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	229697	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	134933	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	238893	20.000	ng		0.00
76) Chrysene-d12	14.045	240	123307	20.000	ng		0.00
86) Perylene-d12	15.521	264	150867	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	394146	105.987	ng		0.01
7) Phenol-d6	6.504	99	425282	100.928	ng		0.00
23) Nitrobenzene-d5	7.434	82	325935	81.953	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	217153	128.246	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	688286	75.338	ng		0.00
79) Terphenyl-d14	12.986	244	740989	95.452	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	48271	31.396	ng	#	81
3) Pyridine	3.499	79	124163	28.947	ng		98
4) n-Nitrosodimethylamine	3.434	42	87950	39.254	ng		98
6) Aniline	6.534	93	80006	13.326	ng	#	89
8) 2-Chlorophenol	6.657	128	144389	39.591	ng		98
9) Benzaldehyde	6.422	77	65389	27.481	ng		98
10) Phenol	6.516	94	167150	32.467	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	149569	39.871	ng		98
12) 1,3-Dichlorobenzene	6.810	146	147289	32.729	ng		98
13) 1,4-Dichlorobenzene	6.887	146	150521	33.385	ng		97
14) 1,2-Dichlorobenzene	7.034	146	149620	34.623	ng		98
15) Benzyl Alcohol	7.010	79	145902	43.728	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	269405	38.998	ng		93
17) 2-Methylphenol	7.122	107	116656	40.208	ng		95
18) Hexachloroethane	7.375	117	49209	32.852	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	116822	42.114	ng		96
20) 3+4-Methylphenols	7.275	107	141354	41.330	ng	#	89
22) Acetophenone	7.275	105	200802	40.751	ng		95
24) Nitrobenzene	7.451	77	168910	39.116	ng		99
25) Isophorone	7.686	82	319478	42.468	ng		99
26) 2-Nitrophenol	7.769	139	87878	41.111	ng		99
27) 2,4-Dimethylphenol	7.804	122	148121	46.232	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	196087	41.741	ng		97
29) 2,4-Dichlorophenol	8.010	162	151088	40.915	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	145252	38.306	ng		98
31) Naphthalene	8.169	128	413818	37.873	ng		100
32) Benzoic acid	7.928	122	71186	30.311	ng		97
33) 4-Chloroaniline	8.222	127	36729	9.217	ng		99
34) Hexachlorobutadiene	8.286	225	102260	35.784	ng		99
35) Caprolactam	8.592	113	39791m	39.331	ng		
36) 4-Chloro-3-methylphenol	8.704	107	151271	45.709	ng		96
37) 2-Methylnaphthalene	8.863	142	273654	37.459	ng		99
38) 1-Methylnaphthalene	8.963	142	272255	38.624	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	171360	38.750	ng		98
41) Hexachlorocyclopentadiene	9.016	237	152786	85.919	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	125399	41.663	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	136698	42.140	ng	98
46) 1,1'-Biphenyl	9.328	154	383537	40.721	ng	99
47) 2-Chloronaphthalene	9.351	162	317969	39.577	ng	99
48) 2-Nitroaniline	9.451	65	106563	45.969	ng	99
49) Acenaphthylene	9.769	152	507550	46.358	ng	100
50) Dimethylphthalate	9.628	163	401024	44.862	ng	100
51) 2,6-Dinitrotoluene	9.692	165	86997	48.077	ng	97
52) Acenaphthene	9.939	154	273524	37.359	ng	97
53) 3-Nitroaniline	9.863	138	30849	15.595	ng	97
54) 2,4-Dinitrophenol	9.975	184	80730	73.881	ng	93
55) Dibenzofuran	10.116	168	423800	41.330	ng	98
56) 4-Nitrophenol	10.033	139	98651	68.943	ng	89
57) 2,4-Dinitrotoluene	10.098	165	115069	47.501	ng	93
58) Fluorene	10.457	166	339719	43.575	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	107286	46.746	ng	97
60) Diethylphthalate	10.327	149	377673	45.832	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	182469	41.088	ng	94
62) 4-Nitroaniline	10.480	138	82973	44.045	ng	96
63) Azobenzene	10.610	77	364150	47.482	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	59643	36.751	ng	98
66) n-Nitrosodiphenylamine	10.569	169	336563	43.804	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	128200	42.043	ng	97
68) Hexachlorobenzene	11.004	284	157053	43.728	ng	99
69) Atrazine	11.098	200	111108	45.471	ng	99
70) Pentachlorophenol	11.204	266	149471	83.574	ng	98
71) Phenanthrene	11.422	178	511800	43.030	ng	99
72) Anthracene	11.474	178	518491	42.871	ng	99
73) Carbazole	11.633	167	442517	43.029	ng	100
74) Di-n-butylphthalate	11.957	149	529764	42.611	ng	100
75) Fluoranthene	12.616	202	507242	41.284	ng	100
77) Benzidine	12.739	184	60858	16.686	ng	98
78) Pyrene	12.845	202	498975	50.188	ng	100
80) Butylbenzylphthalate	13.457	149	160731	46.645	ng	99
81) Benzo(a)anthracene	14.033	228	377622	44.186	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	39060	13.334	ng	96
83) Chrysene	14.074	228	363448	46.069	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	190546	40.395	ng	98
85) Di-n-octyl phthalate	14.633	149	328972	40.421	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	495479	45.751	ng	100
88) Benzo(b)fluoranthene	15.092	252	368684	42.985	ng	99
89) Benzo(k)fluoranthene	15.121	252	377355	47.004	ng	98
90) Benzo(a)pyrene	15.462	252	370346	46.804	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	410117	47.153	ng	98
92) Benzo(g,h,i)perylene	17.480	276	400051	46.578	ng	98

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

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