Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
Data File : BF144286.D
Acq On : 19 Nov 2025 19:18
Operator : RC/JU
Sample : Q3652-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Quant Time: Nov 20 00:02:16 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	47982	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	174536	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	86325	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	131941	20.000	ng		0.00
76) Chrysene-d12	14.045	240	122828	20.000	ng		0.00
86) Perylene-d12	15.521	264	156426	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	373238	121.727	ng		0.01
7) Phenol-d6	6.504	99	393215	113.180	ng		0.00
23) Nitrobenzene-d5	7.434	82	275571	91.188	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	136171	125.703	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	557172	95.327	ng		0.00
79) Terphenyl-d14	12.980	244	573904	74.217	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	52897	41.728	ng	#	79
3) Pyridine	3.487	79	121787	34.436	ng		97
4) n-Nitrosodimethylamine	3.422	42	84038	45.492	ng		98
6) Aniline	6.534	93	51728	10.450	ng	#	69
8) 2-Chlorophenol	6.657	128	130024	43.241	ng		97
9) Benzaldehyde	6.422	77	45882	23.387	ng		94
10) Phenol	6.516	94	158394	37.315	ng		100
11) bis(2-Chloroethyl)ether	6.604	93	136280	44.061	ng		98
12) 1,3-Dichlorobenzene	6.810	146	150061	40.442	ng		97
13) 1,4-Dichlorobenzene	6.887	146	153034	41.168	ng		98
14) 1,2-Dichlorobenzene	7.040	146	142764	40.068	ng		99
15) Benzyl Alcohol	7.010	79	121881	44.304	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	244401	42.909	ng		92
17) 2-Methylphenol	7.122	107	104788	43.805	ng		99
18) Hexachloroethane	7.381	117	47920	38.801	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	99524	43.515	ng		95
20) 3+4-Methylphenols	7.281	107	123622	43.839	ng	#	90
22) Acetophenone	7.275	105	175139	46.776	ng		99
24) Nitrobenzene	7.451	77	146217	44.562	ng		98
25) Isophorone	7.687	82	262973	46.005	ng		99
26) 2-Nitrophenol	7.769	139	77077	47.454	ng		96
27) 2,4-Dimethylphenol	7.804	122	123763	50.838	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	169056	47.361	ng		97
29) 2,4-Dichlorophenol	8.010	162	124988	44.545	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	124013	43.041	ng		98
31) Naphthalene	8.169	128	357551	43.065	ng		100
32) Benzoic acid	7.922	122	67258	37.690	ng		96
33) 4-Chloroaniline	8.222	127	23556	7.779	ng		98
34) Hexachlorobutadiene	8.287	225	83969	38.670	ng		98
35) Caprolactam	8.587	113	31005	40.333	ng		95
36) 4-Chloro-3-methylphenol	8.704	107	109287	43.460	ng		98
37) 2-Methylnaphthalene	8.863	142	219027	39.457	ng		99
38) 1-Methylnaphthalene	8.963	142	225448	42.092	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	137351	48.549	ng		99
41) Hexachlorocyclopentadiene	9.016	237	83415	76.740	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	90839	47.175	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	95182	45.864	ng	98
46) 1,1'-Biphenyl	9.328	154	305070	50.628	ng	99
47) 2-Chloronaphthalene	9.351	162	246944	48.043	ng	99
48) 2-Nitroaniline	9.451	65	73165	49.333	ng	94
49) Acenaphthylene	9.769	152	373873	53.376	ng	99
50) Dimethylphthalate	9.628	163	286753	50.142	ng	99
51) 2,6-Dinitrotoluene	9.692	165	60979	52.673	ng	92
52) Acenaphthene	9.939	154	201915	43.107	ng	99
53) 3-Nitroaniline	9.863	138	14695	11.612	ng	98
54) 2,4-Dinitrophenol	9.975	184	46280	66.202	ng	96
55) Dibenzofuran	10.110	168	308562	47.036	ng	99
56) 4-Nitrophenol	10.033	139	65803	71.882	ng	96
57) 2,4-Dinitrotoluene	10.098	165	75871	48.956	ng	99
58) Fluorene	10.457	166	234276	46.971	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	72019	49.049	ng	99
60) Diethylphthalate	10.322	149	251166	47.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	130158	45.812	ng	96
62) 4-Nitroaniline	10.475	138	49112	40.751	ng	96
63) Azobenzene	10.604	77	231929	47.270	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	37356	41.677	ng	94
66) n-Nitrosodiphenylamine	10.563	169	226179	53.299	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	81116	48.166	ng	99
68) Hexachlorobenzene	11.004	284	96484	48.640	ng	98
69) Atrazine	11.092	200	67069	49.697	ng	98
70) Pentachlorophenol	11.204	266	94212	95.377	ng	99
71) Phenanthrene	11.422	178	325798	49.595	ng	100
72) Anthracene	11.475	178	335318	50.199	ng	99
73) Carbazole	11.628	167	292469	51.491	ng	99
74) Di-n-butylphthalate	11.951	149	342377	49.862	ng	99
75) Fluoranthene	12.616	202	367573	54.167	ng	99
77) Benzidine	12.739	184	79385	21.850	ng	100
78) Pyrene	12.845	202	390733	39.454	ng	99
80) Butylbenzylphthalate	13.457	149	155460	45.291	ng	98
81) Benzo(a)anthracene	14.033	228	451822	53.075	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	91869	31.483	ng	100
83) Chrysene	14.074	228	390492	49.690	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	219488	46.711	ng	99
85) Di-n-octyl phthalate	14.627	149	413002	50.944	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	391377	34.854	ng	98
88) Benzo(b)fluoranthene	15.092	252	512310	57.607	ng	99
89) Benzo(k)fluoranthene	15.121	252	400800	48.150	ng	100
90) Benzo(a)pyrene	15.463	252	426239	51.953	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	318332	35.300	ng	100
92) Benzo(g,h,i)perylene	17.480	276	291103	32.688	ng	98

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

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