Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143314.D
Acq On : 05 Aug 2025 14:28
Operator : RC/JU
Sample : Q2734-01MSD 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 05 14:49:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	119894	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	447775	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	200201	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	276419	20.000	ng		0.00
76) Chrysene-d12	14.133	240	209954	20.000	ng		0.01
86) Perylene-d12	15.645	264	154652	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	330350	43.602	ng		0.01
7) Phenol-d6	6.592	99	428488	44.932	ng		0.00
23) Nitrobenzene-d5	7.516	82	272013	30.281	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	78547	37.979	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	471839	32.232	ng		0.00
79) Terphenyl-d14	13.069	244	357534	25.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	64879	18.097	ng		99
3) Pyridine	3.604	79	162633	17.478	ng		100
4) n-Nitrosodimethylamine	3.528	42	98107	20.421	ng		98
6) Aniline	6.622	93	84743	6.376	ng	#	80
8) 2-Chlorophenol	6.751	128	166476	20.962	ng		98
9) Benzaldehyde	6.510	77	104462	14.608	ng		98
10) Phenol	6.604	94	221950	21.364	ng		99
11) bis(2-Chloroethyl)ether	6.692	93	177329	22.293	ng		98
12) 1,3-Dichlorobenzene	6.904	146	176226	20.427	ng		99
13) 1,4-Dichlorobenzene	6.981	146	177803	20.465	ng		99
14) 1,2-Dichlorobenzene	7.134	146	171514	20.756	ng		98
15) Benzyl Alcohol	7.098	79	151728	20.838	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	309661	20.986	ng		97
17) 2-Methylphenol	7.216	107	138495	20.741	ng		99
18) Hexachloroethane	7.481	117	49572	16.482	ng		99
19) n-Nitroso-di-n-propyla...	7.363	70	124598	20.365	ng		96
20) 3+4-Methylphenols	7.363	107	173188	21.377	ng	#	70
22) Acetophenone	7.363	105	233314	22.008	ng	#	95
24) Nitrobenzene	7.539	77	181471	21.668	ng		100
25) Isophorone	7.781	82	337361	21.274	ng		99
26) 2-Nitrophenol	7.857	139	85862	23.623	ng		98
27) 2,4-Dimethylphenol	7.892	122	153155m	20.672	ng		
28) bis(2-Chloroethoxy)met...	7.987	93	207274	21.800	ng		99
29) 2,4-Dichlorophenol	8.104	162	127227	20.362	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	137977	20.440	ng		100
31) Naphthalene	8.269	128	462850	20.989	ng		100
32) Benzoic acid	7.981	122	75233	21.260	ng		98
33) 4-Chloroaniline	8.310	127	58350	6.480	ng		99
34) Hexachlorobutadiene	8.386	225	83154	20.166	ng		99
35) Caprolactam	8.657	113	40704	21.558	ng		91
36) 4-Chloro-3-methylphenol	8.792	107	129818	19.116	ng		96
37) 2-Methylnaphthalene	8.957	142	275169	20.506	ng		100
38) 1-Methylnaphthalene	9.057	142	281572	20.377	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	132955	23.003	ng		98
41) Hexachlorocyclopentadiene	9.116	237	62	0.016	ng	#	27
43) 2,4,6-Trichlorophenol	9.233	196	82178	20.543	ng		99

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44) 2,4,5-Trichlorophenol	9.281	196	79149	19.780	ng		99
46) 1,1'-Biphenyl	9.422	154	363752	23.288	ng		99
47) 2-Chloronaphthalene	9.445	162	251508	21.762	ng		99
48) 2-Nitroaniline	9.533	65	84294	23.258	ng		98
49) Acenaphthylene	9.863	152	411753	21.259	ng		100
50) Dimethylphthalate	9.710	163	311940	23.904	ng		100
51) 2,6-Dinitrotoluene	9.775	165	61876	23.308	ng		98
52) Acenaphthene	10.033	154	240916	21.045	ng		97
53) 3-Nitroaniline	9.939	138	47642	15.343	ng		98
54) 2,4-Dinitrophenol	10.051	184	7916	12.695	ng		88
55) Dibenzofuran	10.204	168	351909	20.705	ng		99
56) 4-Nitrophenol	10.104	139	78452	33.834	ng		98
57) 2,4-Dinitrotoluene	10.175	165	72252	21.694	ng		99
58) Fluorene	10.551	166	260939	20.456	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	60657	18.300	ng		97
60) Diethylphthalate	10.410	149	288769	22.388	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	131501	20.703	ng		98
62) 4-Nitroaniline	10.551	138	48330	18.161	ng		98
63) Azobenzene	10.698	77	276717	20.585	ng		97
65) 4,6-Dinitro-2-methylph...	10.586	198	7479	9.992	ng		81
66) n-Nitrosodiphenylamine	10.651	169	224032	23.016	ng		98
67) 4-Bromophenyl-phenylether	11.027	248	72398	21.978	ng		99
68) Hexachlorobenzene	11.104	284	66007	19.171	ng		99
69) Atrazine	11.175	200	64155	23.908	ng		100
70) Pentachlorophenol	11.292	266	69356	34.253	ng		99
71) Phenanthrene	11.516	178	425693	29.004	ng		99
72) Anthracene	11.563	178	351413	23.476	ng		99
73) Carbazole	11.716	167	305670	23.386	ng		99
74) Di-n-butylphthalate	12.045	149	368926	24.945	ng		100
75) Fluoranthene	12.704	202	660664	49.041	ng		99
77) Benzidine	12.822	184	9478	1.172	ng	#	55
78) Pyrene	12.933	202	644926	35.992	ng		99
80) Butylbenzylphthalate	13.545	149	149527	27.252	ng		99
81) Benzo(a)anthracene	14.121	228	454225	32.314	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	57677	12.311	ng		99
83) Chrysene	14.157	228	407381	32.234	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	219811	26.468	ng		99
85) Di-n-octyl phthalate	14.721	149	342644	22.761	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.192	276	228945	20.994	ng		99
88) Benzo(b)fluoranthene	15.198	252	324920	34.391	ng	#	96
89) Benzo(k)fluoranthene	15.227	252	261182m	30.980	ng		
90) Benzo(a)pyrene	15.580	252	267795	30.764	ng		97
91) Dibenzo(a,h)anthracene	17.209	278	157308	17.723	ng		97
92) Benzo(g,h,i)perylene	17.662	276	183201	21.337	ng		98

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

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