Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143234.D
Acq On : 24 Jul 2025 15:29
Operator : RC/JU
Sample : Q2668-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Quant Time: Jul 24 15:59:16 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	109426	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	403271	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	187839	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	290285	20.000	ng		0.00
76) Chrysene-d12	14.121	240	267616	20.000	ng		0.00
86) Perylene-d12	15.627	264	264420	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	707839	102.364	ng		0.02
7) Phenol-d6	6.593	99	821956	94.438	ng		0.00
23) Nitrobenzene-d5	7.516	82	626468	77.436	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	230307	118.685	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1104474	80.415	ng		0.00
79) Terphenyl-d14	13.069	244	1091184	60.676	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.993	88	100385	30.680	ng	#	83
3) Pyridine	3.693	79	251041	29.560	ng		98
4) n-Nitrosodimethylamine	3.622	42	155992	35.576	ng		98
6) Aniline	6.622	93	149767	12.347	ng		93
8) 2-Chlorophenol	6.751	128	273302	37.706	ng		97
9) Benzaldehyde	6.510	77	110645	16.953	ng		98
10) Phenol	6.604	94	312270	32.934	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	271947	37.459	ng		99
12) 1,3-Dichlorobenzene	6.904	146	278542	35.375	ng		99
13) 1,4-Dichlorobenzene	6.981	146	283532	35.757	ng		100
14) 1,2-Dichlorobenzene	7.134	146	272221	36.095	ng		99
15) Benzyl Alcohol	7.098	79	258125	38.841	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	490163	36.396	ng		99
17) 2-Methylphenol	7.210	107	230258	37.781	ng		99
18) Hexachloroethane	7.481	117	97407	35.484	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	207605	37.178	ng		99
20) 3+4-Methylphenols	7.357	107	280390	37.920	ng	#	83
22) Acetophenone	7.363	105	376271	39.410	ng		96
24) Nitrobenzene	7.540	77	298174	39.532	ng		99
25) Isophorone	7.775	82	563191	39.434	ng		99
26) 2-Nitrophenol	7.851	139	145113	44.330	ng		99
27) 2,4-Dimethylphenol	7.887	122	261452	39.183	ng		99
28) bis(2-Chloroethoxy)met...	7.981	93	339056	39.596	ng		99
29) 2,4-Dichlorophenol	8.092	162	227329	40.398	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	234960	38.649	ng		99
31) Naphthalene	8.263	128	776191	39.082	ng		100
32) Benzoic acid	7.969	122	95099m	27.750	ng		
33) 4-Chloroaniline	8.304	127	46309	5.710	ng		99
34) Hexachlorobutadiene	8.387	225	146825	39.536	ng		99
35) Caprolactam	8.657	113	60914	35.823	ng		98
36) 4-Chloro-3-methylphenol	8.786	107	239026	39.081	ng		99
37) 2-Methylnaphthalene	8.957	142	480301	39.742	ng		99
38) 1-Methylnaphthalene	9.051	142	491881	39.524	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	236698	43.646	ng		99
41) Hexachlorocyclopentadiene	9.110	237	206787	58.602	ng		98
43) 2,4,6-Trichlorophenol	9.228	196	162475	43.289	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	159643	42.522	ng		98
46) 1,1'-Biphenyl	9.416	154	653246	44.575	ng		99
47) 2-Chloronaphthalene	9.445	162	466428	43.014	ng		100
48) 2-Nitroaniline	9.534	65	154288	45.371	ng		98
49) Acenaphthylene	9.857	152	781757	43.019	ng		100
50) Dimethylphthalate	9.710	163	569583	46.520	ng		99
51) 2,6-Dinitrotoluene	9.769	165	115008	46.174	ng		98
52) Acenaphthene	10.033	154	454485	42.314	ng		99
53) 3-Nitroaniline	9.939	138	45535	15.630	ng		96
54) 2,4-Dinitrophenol	10.039	184	39493	38.734	ng	#	19
55) Dibenzofuran	10.204	168	678268	42.534	ng		99
56) 4-Nitrophenol	10.098	139	169535	77.928	ng		98
57) 2,4-Dinitrotoluene	10.175	165	147470	47.192	ng		96
58) Fluorene	10.545	166	506529	42.323	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	128690	41.380	ng		99
60) Diethylphthalate	10.416	149	537944	44.451	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	256960	43.118	ng		97
62) 4-Nitroaniline	10.551	138	99945	40.028	ng		97
63) Azobenzene	10.698	77	525715	41.681	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	37974	27.553	ng		96
66) n-Nitrosodiphenylamine	10.651	169	451570	44.177	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	151798	43.880	ng		99
68) Hexachlorobenzene	11.098	284	153163	42.359	ng		99
69) Atrazine	11.175	200	137558	48.813	ng		99
70) Pentachlorophenol	11.286	266	159875	75.186	ng		98
71) Phenanthrene	11.510	178	678210	44.002	ng		100
72) Anthracene	11.563	178	692819	44.073	ng		100
73) Carbazole	11.710	167	646920	47.129	ng		100
74) Di-n-butylphthalate	12.039	149	799311	51.464	ng		100
75) Fluoranthene	12.698	202	753680	53.274	ng		99
77) Benzidine	12.810	184	239532	23.232	ng		98
78) Pyrene	12.927	202	777138	34.026	ng		100
80) Butylbenzylphthalate	13.539	149	346366	49.525	ng		98
81) Benzo(a)anthracene	14.116	228	784276	43.773	ng		99
82) 3,3'-Dichlorobenzidine	14.069	252	103133	17.271	ng		99
83) Chrysene	14.151	228	686286	42.603	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	497523	46.999	ng		99
85) Di-n-octyl phthalate	14.710	149	872775	45.485	ng		99
87) Indeno(1,2,3-cd)pyrene	17.162	276	542663	29.105	ng		99
88) Benzo(b)fluoranthene	15.180	252	788712	48.826	ng		99
89) Benzo(k)fluoranthene	15.215	252	700207	48.576	ng		99
90) Benzo(a)pyrene	15.563	252	683229	45.906	ng		100
91) Dibenzo(a,h)anthracene	17.180	278	448469	29.551	ng		99
92) Benzo(g,h,i)perylene	17.627	276	395648	26.951	ng		98

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

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