Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143220.D
Acq On : 23 Jul 2025 19:25
Operator : RC/JU
Sample : Q2649-09MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 01:19:36 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

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	123942	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	487638	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	259548	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	437619	20.000	ng		0.00
76) Chrysene-d12	14.121	240	254287	20.000	ng		0.00
86) Perylene-d12	15.627	264	273112	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	656400	83.808	ng		0.02
7) Phenol-d6	6.592	99	907029	92.007	ng		0.00
23) Nitrobenzene-d5	7.522	82	621749	63.556	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	247670	92.370	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1024568	53.987	ng		0.00
79) Terphenyl-d14	13.063	244	988316	57.837	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	136960	36.956	ng		99
3) Pyridine	3.646	79	371563	38.627	ng		99
4) n-Nitrosodimethylamine	3.593	42	212830	42.854	ng		99
6) Aniline	6.622	93	353230	25.709	ng		93
8) 2-Chlorophenol	6.751	128	355457	43.297	ng		97
9) Benzaldehyde	6.510	77	243011	32.874	ng		97
10) Phenol	6.604	94	465478	43.342	ng		95
11) bis(2-Chloroethyl)ether	6.692	93	346838	42.179	ng		100
12) 1,3-Dichlorobenzene	6.904	146	382448	42.883	ng		100
13) 1,4-Dichlorobenzene	6.981	146	388505	43.257	ng		99
14) 1,2-Dichlorobenzene	7.134	146	373177	43.686	ng		99
15) Benzyl Alcohol	7.098	79	339159	45.057	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	651683	42.722	ng		98
17) 2-Methylphenol	7.210	107	306449	44.394	ng		99
18) Hexachloroethane	7.481	117	138420	44.519	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	267541	42.301	ng		98
20) 3+4-Methylphenols	7.363	107	363208	43.368	ng	#	76
22) Acetophenone	7.369	105	487694	42.243	ng	#	97
24) Nitrobenzene	7.539	77	403268	44.216	ng		99
25) Isophorone	7.781	82	744006	43.082	ng		99
26) 2-Nitrophenol	7.857	139	199741	50.461	ng		99
27) 2,4-Dimethylphenol	7.892	122	346051	42.889	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	446720	43.143	ng		99
29) 2,4-Dichlorophenol	8.098	162	301890	44.367	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	322037	43.808	ng		99
31) Naphthalene	8.269	128	1042280	43.400	ng		99
32) Benzoic acid	8.004	122	232787	50.871	ng		98
33) 4-Chloroaniline	8.304	127	76450	7.796	ng		99
34) Hexachlorobutadiene	8.386	225	198172	44.130	ng		98
35) Caprolactam	8.675	113	103427m	50.301	ng		
36) 4-Chloro-3-methylphenol	8.792	107	330408	44.675	ng		97
37) 2-Methylnaphthalene	8.957	142	644249	44.085	ng		100
38) 1-Methylnaphthalene	9.057	142	657451	43.688	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	314114	41.919	ng		99
41) Hexachlorocyclopentadiene	9.116	237	422934	86.742	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	219656	42.355	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	234252	45.156	ng		99
46) 1,1'-Biphenyl	9.422	154	867290	42.829	ng		99
47) 2-Chloronaphthalene	9.445	162	632471	42.212	ng		99
48) 2-Nitroaniline	9.533	65	220648	46.959	ng		98
49) Acenaphthylene	9.863	152	1079291	42.983	ng		100
50) Dimethylphthalate	9.716	163	760601	44.958	ng		100
51) 2,6-Dinitrotoluene	9.775	165	167929	48.793	ng		99
52) Acenaphthene	10.033	154	704873	47.495	ng		100
53) 3-Nitroaniline	9.939	138	90150	22.394	ng		99
54) 2,4-Dinitrophenol	10.051	184	178640	111.650	ng	#	1
55) Dibenzofuran	10.204	168	937313	42.539	ng		99
56) 4-Nitrophenol	10.104	139	281333	93.589	ng		98
57) 2,4-Dinitrotoluene	10.180	165	224148	51.912	ng		96
58) Fluorene	10.551	166	710745	42.978	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	181351	42.202	ng		99
60) Diethylphthalate	10.416	149	755779	45.197	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	361466	43.896	ng		99
62) 4-Nitroaniline	10.563	138	164599	47.708	ng		98
63) Azobenzene	10.698	77	843200	48.382	ng		96
65) 4,6-Dinitro-2-methylph...	10.586	198	119890	51.779	ng		98
66) n-Nitrosodiphenylamine	10.657	169	640835	41.586	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	221964	42.561	ng		99
68) Hexachlorobenzene	11.098	284	227510	41.737	ng		98
69) Atrazine	11.180	200	201855	47.514	ng		100
70) Pentachlorophenol	11.292	266	207564	64.749	ng		99
71) Phenanthrene	11.510	178	979358	42.148	ng		99
72) Anthracene	11.563	178	1005804	42.442	ng		99
73) Carbazole	11.710	167	897233	43.359	ng		99
74) Di-n-butylphthalate	12.039	149	1127752	48.165	ng		100
75) Fluoranthene	12.698	202	963087	45.156	ng		99
77) Benzidine	12.810	184	393562	40.172	ng		98
78) Pyrene	12.927	202	949631	43.758	ng		100
80) Butylbenzylphthalate	13.539	149	381019	57.335	ng		98
81) Benzo(a)anthracene	14.110	228	770634	45.266	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	85433	15.057	ng		99
83) Chrysene	14.151	228	661006	43.184	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	507821	50.487	ng		99
85) Di-n-octyl phthalate	14.710	149	827288	45.375	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	847227	43.993	ng		99
88) Benzo(b)fluoranthene	15.180	252	765048	45.853	ng		100
89) Benzo(k)fluoranthene	15.209	252	649115	43.598	ng		100
90) Benzo(a)pyrene	15.562	252	689200	44.834	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	683787	43.623	ng		98
92) Benzo(g,h,i)perylene	17.633	276	683531	45.080	ng		99

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

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