Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143215.D
Acq On : 23 Jul 2025 16:59
Operator : RC/JU
Sample : PB168948BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 23 17:24:40 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 :
PB168948BS

Manual Integrations APPROVED

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

07/24/2025
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07/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	126300	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	493438	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	259875	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	435477	20.000	ng		0.00
76) Chrysene-d12	14.127	240	244161	20.000	ng		0.00
86) Perylene-d12	15.627	264	257113	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	924824	115.875	ng		0.02
7) Phenol-d6	6.598	99	1185294	117.988	ng		0.01
23) Nitrobenzene-d5	7.522	82	841774	85.036	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	351467	130.917	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1496266	78.743	ng		0.00
79) Terphenyl-d14	13.069	244	1406445	85.720	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.905	88	131336	34.777	ng		98
3) Pyridine	3.657	79	364578	37.194	ng		98
4) n-Nitrosodimethylamine	3.599	42	214548	42.394	ng		99
6) Aniline	6.628	93	482943	34.494	ng		98
8) 2-Chlorophenol	6.751	128	366569	43.817	ng		97
9) Benzaldehyde	6.510	77	240667	31.949	ng		99
10) Phenol	6.610	94	467718	42.738	ng		87
11) bis(2-Chloroethyl)ether	6.693	93	357965	42.720	ng		99
12) 1,3-Dichlorobenzene	6.910	146	385106	42.375	ng		98
13) 1,4-Dichlorobenzene	6.981	146	393214	42.964	ng		100
14) 1,2-Dichlorobenzene	7.134	146	379636	43.612	ng		99
15) Benzyl Alcohol	7.098	79	342507	44.652	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	660400	42.486	ng		98
17) 2-Methylphenol	7.210	107	306654	43.594	ng		99
18) Hexachloroethane	7.481	117	142182	44.875	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	275254	42.708	ng		99
20) 3+4-Methylphenols	7.363	107	372081	43.598	ng	#	81
22) Acetophenone	7.369	105	496665	42.515	ng	#	96
24) Nitrobenzene	7.540	77	408379	44.250	ng		99
25) Isophorone	7.781	82	762625	43.641	ng		99
26) 2-Nitrophenol	7.857	139	200859	50.147	ng		100
27) 2,4-Dimethylphenol	7.892	122	353610	43.311	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	451468	43.089	ng		99
29) 2,4-Dichlorophenol	8.098	162	308736	44.840	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	324312	43.599	ng		99
31) Naphthalene	8.269	128	1060886	43.656	ng		100
32) Benzoic acid	8.010	122	236447	51.044	ng		98
33) 4-Chloroaniline	8.304	127	197278	19.881	ng		100
34) Hexachlorobutadiene	8.387	225	203349	44.751	ng		99
35) Caprolactam	8.675	113	104046m	50.007	ng		
36) 4-Chloro-3-methylphenol	8.787	107	342197	45.725	ng		100
37) 2-Methylnaphthalene	8.957	142	655261	44.311	ng		99
38) 1-Methylnaphthalene	9.057	142	675688	44.373	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	322973	43.047	ng		99
41) Hexachlorocyclopentadiene	9.116	237	450093	92.196	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	233839	45.033	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	232441	44.750	ng		99
46) 1,1'-Biphenyl	9.422	154	887556	43.775	ng		100
47) 2-Chloronaphthalene	9.445	162	656145	43.736	ng		100
48) 2-Nitroaniline	9.534	65	226980	48.246	ng		97
49) Acenaphthylene	9.863	152	1106913	44.027	ng		100
50) Dimethylphthalate	9.716	163	783709	46.265	ng		100
51) 2,6-Dinitrotoluene	9.775	165	173179	50.256	ng		99
52) Acenaphthene	10.039	154	718361	48.343	ng		96
53) 3-Nitroaniline	9.945	138	131906	32.726	ng		100
54) 2,4-Dinitrophenol	10.051	184	176857	110.471	ng	#	1
55) Dibenzofuran	10.210	168	962852	43.643	ng		100
56) 4-Nitrophenol	10.104	139	282579	93.885	ng		99
57) 2,4-Dinitrotoluene	10.181	165	232149	53.697	ng		95
58) Fluorene	10.551	166	729587	44.062	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	186237	43.284	ng		99
60) Diethylphthalate	10.422	149	780972	46.645	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	372079	45.128	ng		99
62) 4-Nitroaniline	10.563	138	173011	50.083	ng		98
63) Azobenzene	10.698	77	780671	44.738	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	119668	51.921	ng		95
66) n-Nitrosodiphenylamine	10.657	169	664504	43.334	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	231837	44.672	ng		98
68) Hexachlorobenzene	11.104	284	239145	44.087	ng		97
69) Atrazine	11.180	200	210616	49.820	ng		98
70) Pentachlorophenol	11.292	266	200160	62.747	ng		98
71) Phenanthrene	11.516	178	1013911	43.850	ng		99
72) Anthracene	11.563	178	1036500	43.952	ng		99
73) Carbazole	11.716	167	918922	44.625	ng		99
74) Di-n-butylphthalate	12.039	149	1146896	49.223	ng		99
75) Fluoranthene	12.698	202	984952	46.409	ng		99
77) Benzidine	12.810	184	476629	50.668	ng		98
78) Pyrene	12.927	202	979588	47.010	ng		100
80) Butylbenzylphthalate	13.539	149	379300	59.443	ng		98
81) Benzo(a)anthracene	14.116	228	748619	45.797	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	137313	25.204	ng		99
83) Chrysene	14.151	228	665571	45.286	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	495206	51.274	ng		99
85) Di-n-octyl phthalate	14.716	149	817940	46.722	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	836182	46.122	ng		99
88) Benzo(b)fluoranthene	15.180	252	713703	45.438	ng		100
89) Benzo(k)fluoranthene	15.216	252	655222	46.747	ng		99
90) Benzo(a)pyrene	15.563	252	668195	46.172	ng		100
91) Dibenzo(a,h)anthracene	17.192	278	682369	46.242	ng		98
92) Benzo(g,h,i)perylene	17.639	276	677636	47.472	ng		99

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

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