Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143119.D
Acq On : 16 Jul 2025 20:39
Operator : RC/JU
Sample : PB168854BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 03:44:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168854BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	139596	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	538805	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	272708	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	455589	20.000	ng	0.00
76) Chrysene-d12	14.127	240	240950	20.000	ng	0.00
86) Perylene-d12	15.633	264	262866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	989830	112.028	ng	0.02
7) Phenol-d6	6.586	99	1262403	113.666	ng	0.00
23) Nitrobenzene-d5	7.528	82	826120	86.012	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	341088	140.273	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1485452	72.406	ng	0.00
79) Terphenyl-d14	13.074	244	1313530	79.690	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.916	88	156082	35.487	ng	99
3) Pyridine	3.657	79	426573	38.301	ng	100
4) n-Nitrosodimethylamine	3.604	42	242710	42.061	ng	98
6) Aniline	6.628	93	524410	33.531	ng	99
8) 2-Chlorophenol	6.751	128	399769	45.033	ng	99
9) Benzaldehyde	6.516	77	293118	34.636	ng	98
10) Phenol	6.604	94	540727	44.973	ng	98
11) bis(2-Chloroethyl)ether	6.698	93	397600	42.717	ng	99
12) 1,3-Dichlorobenzene	6.910	146	417974	41.677	ng	99
13) 1,4-Dichlorobenzene	6.986	146	427253	42.346	ng	100
14) 1,2-Dichlorobenzene	7.139	146	406381	42.236	ng	99
15) Benzyl Alcohol	7.098	79	372222	45.231	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	724325	42.216	ng	99
17) 2-Methylphenol	7.210	107	337095	44.003	ng	99
18) Hexachloroethane	7.486	117	145952	44.435	ng	97
19) n-Nitroso-di-n-propyla...	7.375	70	298994	43.942	ng	99
20) 3+4-Methylphenols	7.363	107	415512	44.228	ng	96
22) Acetophenone	7.369	105	550129	42.355	ng	94
24) Nitrobenzene	7.545	77	432713	46.668	ng	97
25) Isophorone	7.786	82	828422	44.624	ng	99
26) 2-Nitrophenol	7.863	139	182190	49.075	ng	97
27) 2,4-Dimethylphenol	7.892	122	382286	44.367	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	493796	43.864	ng	99
29) 2,4-Dichlorophenol	8.098	162	326258	46.284	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	346239	43.280	ng	99
31) Naphthalene	8.269	128	1150939	43.016	ng	100
32) Benzoic acid	8.004	122	202294	47.238	ng	98
33) 4-Chloroaniline	8.310	127	199781	18.568	ng	98
34) Hexachlorobutadiene	8.392	225	210203	43.936	ng	99
35) Caprolactam	8.675	113	111579m	50.690	ng	
36) 4-Chloro-3-methylphenol	8.786	107	361316	46.015	ng	98
37) 2-Methylnaphthalene	8.963	142	698633	43.769	ng	100
38) 1-Methylnaphthalene	9.063	142	718711	43.413	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	333993	42.026	ng	98
41) Hexachlorocyclopentadiene	9.122	237	411090	93.298	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	232335	47.049	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	247228	47.747	ng		98
46) 1,1'-Biphenyl	9.427	154	936182	43.047	ng		100
47) 2-Chloronaphthalene	9.451	162	680991	42.624	ng		99
48) 2-Nitroaniline	9.539	65	225544	47.330	ng		96
49) Acenaphthylene	9.869	152	1177621	44.234	ng		100
50) Dimethylphthalate	9.722	163	795480	46.366	ng		100
51) 2,6-Dinitrotoluene	9.780	165	167878	49.431	ng		89
52) Acenaphthene	10.039	154	728594	46.377	ng		98
53) 3-Nitroaniline	9.945	138	122425	33.024	ng		98
54) 2,4-Dinitrophenol	10.051	184	138899	95.178	ng	#	1
55) Dibenzofuran	10.210	168	1021074	43.605	ng		99
56) 4-Nitrophenol	10.098	139	304758	103.438	ng		98
57) 2,4-Dinitrotoluene	10.186	165	220603	51.817	ng		96
58) Fluorene	10.557	166	761445	43.372	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	205668	49.983	ng		99
60) Diethylphthalate	10.422	149	783892	47.359	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	373382	44.374	ng		98
62) 4-Nitroaniline	10.563	138	172008	53.355	ng		99
63) Azobenzene	10.704	77	828090	45.237	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	89451	51.397	ng		94
66) n-Nitrosodiphenylamine	10.663	169	701985	43.865	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	231595	44.700	ng		99
68) Hexachlorobenzene	11.104	284	246543	44.848	ng		98
69) Atrazine	11.186	200	204382	49.918	ng		98
70) Pentachlorophenol	11.292	266	297551	98.656	ng		99
71) Phenanthrene	11.516	178	1066550	43.378	ng		99
72) Anthracene	11.569	178	1092533	44.187	ng		100
73) Carbazole	11.716	167	993920	44.870	ng		100
74) Di-n-butylphthalate	12.051	149	1060422	52.154	ng		100
75) Fluoranthene	12.704	202	1035606	46.322	ng		99
77) Benzidine	12.816	184	325967	39.709	ng		99
78) Pyrene	12.933	202	1029906	46.068	ng		99
80) Butylbenzylphthalate	13.545	149	231230	51.234	ng		96
81) Benzo(a)anthracene	14.121	228	751216	46.787	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	109202	23.421	ng		99
83) Chrysene	14.157	228	669052	45.243	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	316448	46.806	ng		100
85) Di-n-octyl phthalate	14.727	149	586744	46.090	ng		98
87) Indeno(1,2,3-cd)pyrene	17.180	276	906388	46.360	ng		98
88) Benzo(b)fluoranthene	15.192	252	700298	46.186	ng		99
89) Benzo(k)fluoranthene	15.221	252	724358	50.075	ng		100
90) Benzo(a)pyrene	15.574	252	706283	49.251	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	736917	46.108	ng		99
92) Benzo(g,h,i)perylene	17.645	276	748506	45.936	ng		99

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

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