Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	109221	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	390323	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	191064	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	302827	20.000	ng	0.00
76) Chrysene-d12	14.057	240	375572	20.000	ng	0.00
86) Perylene-d12	15.533	264	528363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	587541	86.573	ng	0.00
7) Phenol-d6	6.504	99	655490	81.847	ng	0.00
23) Nitrobenzene-d5	7.445	82	563159	90.799	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	260676	95.600	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1032314	79.843	ng	0.00
79) Terphenyl-d14	12.998	244	1544756	80.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	140442	43.647	ng	99
3) Pyridine	3.399	79	373668	43.022	ng	99
4) n-Nitrosodimethylamine	3.340	42	184836	42.441	ng	99
6) Aniline	6.546	93	468886	41.592	ng	99
8) 2-Chlorophenol	6.669	128	292186	42.456	ng	99
9) Benzaldehyde	6.440	77	317430	46.667	ng	96
10) Phenol	6.516	94	378799m	41.956	ng	
11) bis(2-Chloroethyl)ether	6.616	93	296472	41.891	ng	99
12) 1,3-Dichlorobenzene	6.828	146	337770	42.271	ng	100
13) 1,4-Dichlorobenzene	6.904	146	333799	41.859	ng	99
14) 1,2-Dichlorobenzene	7.057	146	315213	41.736	ng	99
15) Benzyl Alcohol	7.022	79	238857	42.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	702630	41.868	ng	100
17) 2-Methylphenol	7.128	107	225398	42.304	ng	99
18) Hexachloroethane	7.398	117	120246	42.878	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	198845	39.810	ng	99
20) 3+4-Methylphenols	7.281	107	283024	43.619	ng	99
22) Acetophenone	7.293	105	355985	41.524	ng	99
24) Nitrobenzene	7.463	77	308041	43.582	ng	99
25) Isophorone	7.704	82	519134	41.778	ng	99
26) 2-Nitrophenol	7.781	139	127397	44.135	ng	98
27) 2,4-Dimethylphenol	7.810	122	237292	42.725	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	334704	41.459	ng	100
29) 2,4-Dichlorophenol	8.016	162	234561	42.921	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	240436	42.395	ng	99
31) Naphthalene	8.193	128	785137	42.019	ng	100
32) Benzoic acid	7.893	122	117697	43.922	ng	96
33) 4-Chloroaniline	8.234	127	275488	41.955	ng	99
34) Hexachlorobutadiene	8.310	225	179313	42.413	ng	100
35) Caprolactam	8.587	113	61486	44.018	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	217750	42.485	ng	96
37) 2-Methylnaphthalene	8.881	142	496707	41.689	ng	99
38) 1-Methylnaphthalene	8.981	142	478612	41.968	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	242106	41.989	ng	99
41) Hexachlorocyclopentadiene	9.034	237	160009	43.786	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	162537	45.018	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	159783	42.310	ng		100
46) 1,1'-Biphenyl	9.345	154	570562	41.254	ng		99
47) 2-Chloronaphthalene	9.369	162	457929	41.133	ng		99
48) 2-Nitroaniline	9.463	65	161814	48.090	ng		99
49) Acenaphthylene	9.787	152	647976	42.279	ng		99
50) Dimethylphthalate	9.639	163	496374	42.624	ng		99
51) 2,6-Dinitrotoluene	9.704	165	92326	48.254	ng		99
52) Acenaphthene	9.957	154	422277	41.869	ng		100
53) 3-Nitroaniline	9.869	138	110544	47.665	ng		96
54) 2,4-Dinitrophenol	9.975	184	28355	46.217	ng	#	69
55) Dibenzofuran	10.128	168	602575	42.251	ng		100
56) 4-Nitrophenol	10.016	139	85715	45.864	ng		96
57) 2,4-Dinitrotoluene	10.104	165	126090	44.618	ng		99
58) Fluorene	10.475	166	446712	42.132	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	149133	46.097	ng		99
60) Diethylphthalate	10.345	149	470914	43.199	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	227995	42.203	ng		100
62) 4-Nitroaniline	10.481	138	104533	47.936	ng		98
63) Azobenzene	10.622	77	491364	42.769	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	49519	45.452	ng		94
66) n-Nitrosodiphenylamine	10.581	169	413097	41.480	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	221312	42.884	ng		98
68) Hexachlorobenzene	11.022	284	303404	42.661	ng		99
69) Atrazine	11.104	200	130018	45.083	ng		99
70) Pentachlorophenol	11.210	266	163934	46.307	ng		99
71) Phenanthrene	11.439	178	657630	42.299	ng		100
72) Anthracene	11.486	178	674513	43.252	ng		99
73) Carbazole	11.639	167	601493	44.114	ng		100
74) Di-n-butylphthalate	11.975	149	724195	46.182	ng		100
75) Fluoranthene	12.628	202	719722	46.027	ng		100
77) Benzidine	12.751	184	368236	40.236	ng		99
78) Pyrene	12.857	202	759210	41.117	ng		100
80) Butylbenzylphthalate	13.475	149	298166	46.674	ng		99
81) Benzo(a)anthracene	14.045	228	833201	41.296	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	373433	42.723	ng		99
83) Chrysene	14.080	228	799482	43.791	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	427966	45.704	ng		97
85) Di-n-octyl phthalate	14.651	149	756048	44.512	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1728261	43.111	ng		99
88) Benzo(b)fluoranthene	15.098	252	1234859	45.894	ng		100
89) Benzo(k)fluoranthene	15.133	252	1105146	40.882	ng		99
90) Benzo(a)pyrene	15.474	252	1093771	43.246	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	1422887	43.395	ng		99
92) Benzo(g,h,i)perylene	17.480	276	1366956	43.247	ng		100

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

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