Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143691.D
Acq On : 09 Sep 2025 18:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 09 18:51:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

09/10/2025
Supervised By :Jagrut Upadhyay

09/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	53668	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	208221	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	120244	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	190868	20.000	ng	0.00
76) Chrysene-d12	14.045	240	120522	20.000	ng	0.00
86) Perylene-d12	15.515	264	125317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	259125	82.378	ng	0.00
7) Phenol-d6	6.510	99	313838	81.941	ng	0.00
23) Nitrobenzene-d5	7.451	82	276083	82.473	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	99730	82.300	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	616541	77.456	ng	0.00
79) Terphenyl-d14	12.992	244	599256	80.575	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	57479	40.964	ng	98
3) Pyridine	3.440	79	151486	41.794	ng	100
4) n-Nitrosodimethylamine	3.393	42	57020	41.414	ng	93
6) Aniline	6.551	93	207500	40.905	ng	100
8) 2-Chlorophenol	6.675	128	142030	41.806	ng	96
9) Benzaldehyde	6.445	77	131170	42.447	ng	99
10) Phenol	6.522	94	170344m	40.235	ng	
11) bis(2-Chloroethyl)ether	6.628	93	126692	40.067	ng	97
12) 1,3-Dichlorobenzene	6.834	146	160111	41.208	ng	99
13) 1,4-Dichlorobenzene	6.910	146	159418	40.650	ng	100
14) 1,2-Dichlorobenzene	7.063	146	151489	40.905	ng	99
15) Benzyl Alcohol	7.028	79	117796	42.281	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	165355	39.971	ng	98
17) 2-Methylphenol	7.134	107	113906	41.679	ng	100
18) Hexachloroethane	7.404	117	51751	40.850	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	94782	40.294	ng	99
20) 3+4-Methylphenols	7.286	107	148215	41.184	ng	97
22) Acetophenone	7.298	105	188826	40.153	ng	99
24) Nitrobenzene	7.475	77	141676	40.816	ng	98
25) Isophorone	7.710	82	257971	40.188	ng	99
26) 2-Nitrophenol	7.786	139	74134	43.439	ng	99
27) 2,4-Dimethylphenol	7.816	122	123162	40.200	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	159003	40.307	ng	98
29) 2,4-Dichlorophenol	8.022	162	123891	40.200	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	128734	40.319	ng	99
31) Naphthalene	8.192	128	415418	40.302	ng	99
32) Benzoic acid	7.916	122	80284	42.952	ng	98
33) 4-Chloroaniline	8.239	127	144922	40.387	ng	99
34) Hexachlorobutadiene	8.310	225	85009	40.820	ng	99
35) Caprolactam	8.610	113	33681	41.061	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	124075	40.831	ng	99
37) 2-Methylnaphthalene	8.880	142	283078	40.119	ng	99
38) 1-Methylnaphthalene	8.980	142	271459	40.089	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	137635	39.982	ng	99
41) Hexachlorocyclopentadiene	9.039	237	73957	41.847	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	91264	39.703	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	93539	40.028	ng		98
46) 1,1'-Biphenyl	9.345	154	344607	39.808	ng		99
47) 2-Chloronaphthalene	9.375	162	270595	39.873	ng		99
48) 2-Nitroaniline	9.463	65	75101	41.817	ng		96
49) Acenaphthylene	9.786	152	387731	39.885	ng		100
50) Dimethylphthalate	9.639	163	309243	39.528	ng		99
51) 2,6-Dinitrotoluene	9.704	165	64917	43.399	ng		98
52) Acenaphthene	9.963	154	263696	39.365	ng		99
53) 3-Nitroaniline	9.875	138	66429	41.267	ng		97
54) 2,4-Dinitrophenol	9.975	184	31472	41.969	ng		87
55) Dibenzofuran	10.133	168	376764	39.114	ng		98
56) 4-Nitrophenol	10.022	139	53660	41.900	ng		98
57) 2,4-Dinitrotoluene	10.104	165	86174	42.329	ng		99
58) Fluorene	10.475	166	294346	39.037	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	80024	42.233	ng	#	98
60) Diethylphthalate	10.345	149	296352	40.348	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	151985	39.744	ng		99
62) 4-Nitroaniline	10.486	138	64793	42.498	ng		99
63) Azobenzene	10.627	77	258339	39.785	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	42838	44.082	ng		97
66) n-Nitrosodiphenylamine	10.586	169	248448	39.734	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	92687	40.269	ng		98
68) Hexachlorobenzene	11.022	284	97106	39.955	ng		98
69) Atrazine	11.110	200	81305	41.471	ng		99
70) Pentachlorophenol	11.210	266	61616	41.940	ng		98
71) Phenanthrene	11.439	178	420793	40.013	ng		99
72) Anthracene	11.486	178	427242	40.403	ng		99
73) Carbazole	11.639	167	356833	41.204	ng		99
74) Di-n-butylphthalate	11.969	149	435830	41.801	ng		100
75) Fluoranthene	12.621	202	387816	40.170	ng		100
77) Benzidine	12.739	184	160487	40.834	ng		99
78) Pyrene	12.851	202	391512	40.629	ng		100
80) Butylbenzylphthalate	13.468	149	130704	43.291	ng		99
81) Benzo(a)anthracene	14.033	228	328855	42.413	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	100590	42.169	ng		99
83) Chrysene	14.074	228	283971	39.988	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	181995	42.247	ng		98
85) Di-n-octyl phthalate	14.639	149	313705	40.637	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	344495	40.279	ng		100
88) Benzo(b)fluoranthene	15.086	252	313132	41.975	ng		99
89) Benzo(k)fluoranthene	15.115	252	258820	38.443	ng		99
90) Benzo(a)pyrene	15.457	252	267255	40.779	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	285247	40.199	ng		99
92) Benzo(g,h,i)perylene	17.462	276	264875	39.908	ng		100

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

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