Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143699.D
Acq On : 10 Sep 2025 13:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Sep 10 14:11:16 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	47885	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	181107	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	104072	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	166765	20.000	ng	0.00
76) Chrysene-d12	14.051	240	100956	20.000	ng	0.00
86) Perylene-d12	15.521	264	106070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	227953	81.220	ng	0.00
7) Phenol-d6	6.504	99	271039	79.313	ng	0.00
23) Nitrobenzene-d5	7.451	82	240562	82.620	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	89544	85.377	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	551190	80.006	ng	0.00
79) Terphenyl-d14	12.998	244	508890	81.686	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	49291	39.371	ng	99
3) Pyridine	3.434	79	131480	40.655	ng	99
4) n-Nitrosodimethylamine	3.387	42	48054	39.117	ng	98
6) Aniline	6.551	93	180537	39.888	ng	99
8) 2-Chlorophenol	6.669	128	122142	40.294	ng	97
9) Benzaldehyde	6.440	77	115107	41.748	ng	100
10) Phenol	6.522	94	159968	42.347	ng	100
11) bis(2-Chloroethyl)ether	6.622	93	113674	40.292	ng	97
12) 1,3-Dichlorobenzene	6.828	146	138961	40.084	ng	100
13) 1,4-Dichlorobenzene	6.910	146	139279	39.804	ng	99
14) 1,2-Dichlorobenzene	7.057	146	132350	40.053	ng	100
15) Benzyl Alcohol	7.028	79	99917	40.195	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	144055	39.028	ng	99
17) 2-Methylphenol	7.128	107	98842	40.535	ng	99
18) Hexachloroethane	7.404	117	44579	39.439	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	83091	39.590	ng	99
20) 3+4-Methylphenols	7.287	107	130404	40.611	ng	97
22) Acetophenone	7.298	105	165629	40.493	ng	98
24) Nitrobenzene	7.469	77	122575	40.600	ng	99
25) Isophorone	7.710	82	228069	40.849	ng	100
26) 2-Nitrophenol	7.787	139	64675	43.570	ng	97
27) 2,4-Dimethylphenol	7.816	122	107536	40.354	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	137531	40.083	ng	99
29) 2,4-Dichlorophenol	8.022	162	108694	40.549	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	113219	40.769	ng	99
31) Naphthalene	8.192	128	361184	40.286	ng	99
32) Benzoic acid	7.910	122	67360	41.433	ng	98
33) 4-Chloroaniline	8.240	127	125989	40.367	ng	99
34) Hexachlorobutadiene	8.310	225	74806	41.298	ng	99
35) Caprolactam	8.610	113	30150	42.260	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	109767	41.530	ng	99
37) 2-Methylnaphthalene	8.881	142	249852	40.711	ng	97
38) 1-Methylnaphthalene	8.981	142	240907	40.903	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	120660	40.498	ng	100
41) Hexachlorocyclopentadiene	9.039	237	64187	41.963	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	82710	41.573	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	85140	42.096	ng		98
46) 1,1'-Biphenyl	9.351	154	302371	40.357	ng		99
47) 2-Chloronaphthalene	9.375	162	238164	40.548	ng		99
48) 2-Nitroaniline	9.463	65	66831	42.995	ng		96
49) Acenaphthylene	9.786	152	340201	40.434	ng		100
50) Dimethylphthalate	9.645	163	277342	40.959	ng		100
51) 2,6-Dinitrotoluene	9.704	165	58596	45.260	ng		98
52) Acenaphthene	9.963	154	237887	41.030	ng		98
53) 3-Nitroaniline	9.875	138	58622	42.076	ng		97
54) 2,4-Dinitrophenol	9.975	184	25957	40.257	ng	#	57
55) Dibenzofuran	10.134	168	338067	40.550	ng		98
56) 4-Nitrophenol	10.022	139	45225	40.801	ng		99
57) 2,4-Dinitrotoluene	10.110	165	76108	43.194	ng		95
58) Fluorene	10.475	166	264065	40.463	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	70928	43.249	ng		99
60) Diethylphthalate	10.345	149	264710	41.641	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	135729	41.009	ng		99
62) 4-Nitroaniline	10.486	138	56038	42.467	ng		99
63) Azobenzene	10.628	77	226922	40.378	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	36578	43.080	ng		97
66) n-Nitrosodiphenylamine	10.586	169	227954	41.725	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	82856	41.201	ng		97
68) Hexachlorobenzene	11.022	284	86983	40.963	ng		98
69) Atrazine	11.110	200	71401	41.683	ng		99
70) Pentachlorophenol	11.210	266	53116	41.379	ng		98
71) Phenanthrene	11.439	178	370078	40.276	ng		99
72) Anthracene	11.486	178	374519	40.536	ng		100
73) Carbazole	11.639	167	311872	41.217	ng		100
74) Di-n-butylphthalate	11.975	149	384589	42.218	ng		100
75) Fluoranthene	12.622	202	336067	39.841	ng		100
77) Benzidine	12.745	184	136560	41.480	ng		99
78) Pyrene	12.851	202	340492	42.183	ng		99
80) Butylbenzylphthalate	13.469	149	110526	43.702	ng		100
81) Benzo(a)anthracene	14.039	228	263379	40.552	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	83291	41.685	ng		99
83) Chrysene	14.074	228	239717	40.299	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	150438	41.690	ng		99
85) Di-n-octyl phthalate	14.639	149	262908	40.657	ng		99
87) Indeno(1,2,3-cd)pyrene	17.010	276	289651	40.012	ng		99
88) Benzo(b)fluoranthene	15.092	252	244597	38.738	ng		99
89) Benzo(k)fluoranthene	15.121	252	235635	41.350	ng		99
90) Benzo(a)pyrene	15.463	252	220457	39.742	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	242545	40.384	ng		99
92) Benzo(g,h,i)perylene	17.462	276	225082	40.066	ng		98

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

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