Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143701.D
Acq On : 11 Sep 2025 12:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 11 12:54:26 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	44409	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	171787	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	99519	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	157461	20.000	ng	0.01
76) Chrysene-d12	14.063	240	95771	20.000	ng	0.02
86) Perylene-d12	15.539	264	101516	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	216582	83.208	ng	0.00
7) Phenol-d6	6.510	99	256829	81.037	ng	0.00
23) Nitrobenzene-d5	7.457	82	226754	82.103	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	82701	82.460	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	526238	79.879	ng	0.00
79) Terphenyl-d14	13.010	244	481847	81.532	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	47358	40.788	ng	99
3) Pyridine	3.440	79	124658	41.563	ng	100
4) n-Nitrosodimethylamine	3.393	42	45513	39.948	ng	97
6) Aniline	6.557	93	174705	41.620	ng	98
8) 2-Chlorophenol	6.675	128	114570	40.755	ng	96
9) Benzaldehyde	6.445	77	108078	42.266	ng	99
10) Phenol	6.528	94	148297	42.330	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	105787	40.431	ng	98
12) 1,3-Dichlorobenzene	6.834	146	130755	40.669	ng	97
13) 1,4-Dichlorobenzene	6.916	146	131748	40.599	ng	99
14) 1,2-Dichlorobenzene	7.063	146	124394	40.592	ng	99
15) Benzyl Alcohol	7.034	79	93679	40.635	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	135050	39.452	ng	99
17) 2-Methylphenol	7.134	107	93519	41.354	ng	100
18) Hexachloroethane	7.410	117	43418	41.418	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	79676	40.934	ng	100
20) 3+4-Methylphenols	7.292	107	124603	41.842	ng	98
22) Acetophenone	7.304	105	157334	40.552	ng	98
24) Nitrobenzene	7.475	77	115855	40.456	ng	99
25) Isophorone	7.716	82	214050	40.418	ng	98
26) 2-Nitrophenol	7.792	139	57613	40.918	ng	99
27) 2,4-Dimethylphenol	7.822	122	103452	40.928	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	130474	40.090	ng	97
29) 2,4-Dichlorophenol	8.028	162	104977	41.287	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	107672	40.875	ng	99
31) Naphthalene	8.198	128	346393	40.733	ng	99
32) Benzoic acid	7.916	122	63633	41.264	ng	98
33) 4-Chloroaniline	8.245	127	121906	41.178	ng	99
34) Hexachlorobutadiene	8.316	225	70830	41.225	ng	99
35) Caprolactam	8.616	113	28321	41.850	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	104667	41.749	ng	99
37) 2-Methylnaphthalene	8.886	142	235410	40.439	ng	100
38) 1-Methylnaphthalene	8.992	142	227603	40.741	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	115862	40.667	ng	99
41) Hexachlorocyclopentadiene	9.045	237	60767	41.544	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	76951	40.448	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	79214	40.958	ng		98
46) 1,1'-Biphenyl	9.357	154	291209	40.646	ng		99
47) 2-Chloronaphthalene	9.381	162	226596	40.343	ng		100
48) 2-Nitroaniline	9.469	65	64092	43.119	ng		94
49) Acenaphthylene	9.792	152	325754	40.488	ng		99
50) Dimethylphthalate	9.651	163	261935	40.453	ng		100
51) 2,6-Dinitrotoluene	9.716	165	52830	42.673	ng		94
52) Acenaphthene	9.969	154	222359	40.107	ng		100
53) 3-Nitroaniline	9.881	138	55465	41.631	ng		97
54) 2,4-Dinitrophenol	9.981	184	23227	38.030	ng	#	15
55) Dibenzofuran	10.139	168	320350	40.183	ng		99
56) 4-Nitrophenol	10.028	139	43900	41.418	ng		97
57) 2,4-Dinitrotoluene	10.116	165	69807	41.430	ng		97
58) Fluorene	10.480	166	250616	40.159	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	65069	41.492	ng		99
60) Diethylphthalate	10.357	149	249694	41.075	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	126091	39.840	ng		98
62) 4-Nitroaniline	10.492	138	52294	41.443	ng		98
63) Azobenzene	10.633	77	218370	40.634	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	33625	41.942	ng		99
66) n-Nitrosodiphenylamine	10.592	169	212910	41.274	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	78287	41.229	ng		99
68) Hexachlorobenzene	11.033	284	82307	41.051	ng		98
69) Atrazine	11.116	200	68010	42.049	ng		98
70) Pentachlorophenol	11.222	266	50081	41.320	ng		96
71) Phenanthrene	11.445	178	351461	40.510	ng		99
72) Anthracene	11.498	178	356949	40.917	ng		100
73) Carbazole	11.651	167	295368	41.343	ng		100
74) Di-n-butylphthalate	11.980	149	354409	41.204	ng		100
75) Fluoranthene	12.633	202	317627	39.880	ng		99
77) Benzidine	12.757	184	128125	41.025	ng		100
78) Pyrene	12.863	202	315626	41.219	ng		99
80) Butylbenzylphthalate	13.480	149	102764	42.833	ng		98
81) Benzo(a)anthracene	14.051	228	247929	40.240	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	78535	41.432	ng		96
83) Chrysene	14.086	228	232887	41.270	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	144744	42.284	ng		99
85) Di-n-octyl phthalate	14.657	149	256084	41.746	ng		100
87) Indeno(1,2,3-cd)pyrene	17.039	276	281854	40.682	ng		99
88) Benzo(b)fluoranthene	15.104	252	244439	40.449	ng		100
89) Benzo(k)fluoranthene	15.139	252	224751	41.209	ng		100
90) Benzo(a)pyrene	15.480	252	218021	41.066	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	229771	39.973	ng		100
92) Benzo(g,h,i)perylene	17.492	276	215599	40.099	ng		98

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

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