Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143724.D
Acq On : 12 Sep 2025 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 12 11:09:29 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	6.898	152	40222	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	153379	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	85989	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	134354	20.000	ng	0.01
76) Chrysene-d12	14.063	240	79299	20.000	ng	0.02
86) Perylene-d12	15.539	264	89357	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	194332	82.432	ng	0.00
7) Phenol-d6	6.516	99	234358	81.644	ng	0.01
23) Nitrobenzene-d5	7.457	82	205790	83.455	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	72629	83.811	ng	0.01
45) 2-Fluorobiphenyl	9.257	172	459530	80.728	ng	0.01
79) Terphenyl-d14	13.004	244	386975	79.081	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	43346	41.219	ng	95
3) Pyridine	3.440	79	112671	41.476	ng	96
4) n-Nitrosodimethylamine	3.393	42	40143	38.902	ng	97
6) Aniline	6.557	93	156688	41.214	ng	96
8) 2-Chlorophenol	6.681	128	103953	40.827	ng	96
9) Benzaldehyde	6.445	77	96082	41.487	ng	99
10) Phenol	6.528	94	137052	43.193	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	95804	40.427	ng	97
12) 1,3-Dichlorobenzene	6.840	146	119124	40.908	ng	99
13) 1,4-Dichlorobenzene	6.916	146	118071	40.172	ng	99
14) 1,2-Dichlorobenzene	7.063	146	110651	39.866	ng	98
15) Benzyl Alcohol	7.034	79	85034	40.725	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	115364	37.209	ng	98
17) 2-Methylphenol	7.140	107	84517	41.264	ng	97
18) Hexachloroethane	7.410	117	38215	40.250	ng	95
19) n-Nitroso-di-n-propyla...	7.310	70	71264	40.423	ng	97
20) 3+4-Methylphenols	7.292	107	110001	40.784	ng	97
22) Acetophenone	7.304	105	139445	40.255	ng	99
24) Nitrobenzene	7.475	77	104344	40.810	ng	99
25) Isophorone	7.716	82	189538	40.085	ng	99
26) 2-Nitrophenol	7.792	139	55439	44.100	ng	99
27) 2,4-Dimethylphenol	7.822	122	90926	40.290	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	115675	39.808	ng	99
29) 2,4-Dichlorophenol	8.028	162	94033	41.421	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	93893	39.922	ng	99
31) Naphthalene	8.198	128	310024	40.831	ng	99
32) Benzoic acid	7.922	122	59635	43.312	ng	97
33) 4-Chloroaniline	8.245	127	106620	40.337	ng	98
34) Hexachlorobutadiene	8.316	225	61071	39.811	ng	99
35) Caprolactam	8.616	113	25083	41.513	ng	88
36) 4-Chloro-3-methylphenol	8.722	107	90607	40.478	ng	97
37) 2-Methylnaphthalene	8.892	142	203892	39.229	ng	99
38) 1-Methylnaphthalene	8.992	142	200959	40.289	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	100757	40.929	ng	99
41) Hexachlorocyclopentadiene	9.045	237	54356	43.009	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	67973	41.351	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	70017	41.899	ng		98
46) 1,1'-Biphenyl	9.357	154	255703	41.305	ng		99
47) 2-Chloronaphthalene	9.381	162	196526	40.495	ng		99
48) 2-Nitroaniline	9.469	65	54708	42.597	ng		96
49) Acenaphthylene	9.792	152	280105	40.293	ng		99
50) Dimethylphthalate	9.651	163	228289	40.804	ng		100
51) 2,6-Dinitrotoluene	9.716	165	47032	43.968	ng		95
52) Acenaphthene	9.969	154	196423	41.003	ng		99
53) 3-Nitroaniline	9.881	138	49278	42.807	ng		96
54) 2,4-Dinitrophenol	9.986	184	22553	42.045	ng	#	66
55) Dibenzofuran	10.139	168	280182	40.675	ng		98
56) 4-Nitrophenol	10.028	139	37972	41.462	ng		94
57) 2,4-Dinitrotoluene	10.116	165	62472	42.911	ng		95
58) Fluorene	10.480	166	215487	39.963	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.251	232	57189	42.205	ng		99
60) Diethylphthalate	10.357	149	209385	39.864	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	110821	40.525	ng		99
62) 4-Nitroaniline	10.498	138	44721	41.018	ng		97
63) Azobenzene	10.633	77	184395	39.710	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	31816	46.511	ng		98
66) n-Nitrosodiphenylamine	10.592	169	181886	41.324	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	64674	39.918	ng		98
68) Hexachlorobenzene	11.033	284	68659	40.134	ng		98
69) Atrazine	11.116	200	54991	39.847	ng		99
70) Pentachlorophenol	11.222	266	43261	41.832	ng		97
71) Phenanthrene	11.445	178	296849	40.100	ng		99
72) Anthracene	11.498	178	300048	40.310	ng		100
73) Carbazole	11.651	167	245712	40.307	ng		100
74) Di-n-butylphthalate	11.980	149	294223	40.090	ng		100
75) Fluoranthene	12.633	202	257856	37.944	ng		99
77) Benzidine	12.751	184	110772	42.836	ng		99
78) Pyrene	12.863	202	253631	40.003	ng		99
80) Butylbenzylphthalate	13.480	149	85816	43.199	ng		98
81) Benzo(a)anthracene	14.051	228	207501	40.674	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	65966	42.030	ng		96
83) Chrysene	14.086	228	190379	40.745	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	123704	43.644	ng		99
85) Di-n-octyl phthalate	14.657	149	231757	45.628	ng		99
87) Indeno(1,2,3-cd)pyrene	17.045	276	245975	40.334	ng		99
88) Benzo(b)fluoranthene	15.104	252	213566	40.150	ng		99
89) Benzo(k)fluoranthene	15.139	252	189345	39.441	ng		99
90) Benzo(a)pyrene	15.480	252	189915	40.640	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	202427	40.008	ng		98
92) Benzo(g,h,i)perylene	17.498	276	187761	39.674	ng		99

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

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