Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143908.D
Acq On : 09 Oct 2025 14:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 09 15:55:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	105672	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	415953	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	223165	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	385556	20.000	ng	0.00
76) Chrysene-d12	14.062	240	235670	20.000	ng	0.00
86) Perylene-d12	15.539	264	249360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	571511	85.884	ng	0.00
7) Phenol-d6	6.504	99	652202	82.226	ng	-0.01
23) Nitrobenzene-d5	7.445	82	574031	83.844	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	178529	80.318	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1086099	77.223	ng	-0.01
79) Terphenyl-d14	13.004	244	1150241	83.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	131539	42.717	ng	96
3) Pyridine	3.393	79	379853	42.373	ng	99
4) n-Nitrosodimethylamine	3.340	42	177579	37.656	ng	91
6) Aniline	6.545	93	495234	41.666	ng	100
8) 2-Chlorophenol	6.663	128	278897	42.876	ng	99
9) Benzaldehyde	6.434	77	280647	45.867	ng	98
10) Phenol	6.516	94	425568	44.878	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	304382	41.553	ng	98
12) 1,3-Dichlorobenzene	6.822	146	321803	41.329	ng	100
13) 1,4-Dichlorobenzene	6.898	146	319707	41.626	ng	99
14) 1,2-Dichlorobenzene	7.051	146	308376	41.918	ng	98
15) Benzyl Alcohol	7.022	79	250370	42.129	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	691421	41.467	ng	100
17) 2-Methylphenol	7.128	107	225539	41.955	ng	98
18) Hexachloroethane	7.398	117	107259	41.875	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	213607	39.343	ng	99
20) 3+4-Methylphenols	7.281	107	267255	42.895	ng	99
22) Acetophenone	7.292	105	343999	39.113	ng	98
24) Nitrobenzene	7.463	77	319008	41.958	ng	98
25) Isophorone	7.704	82	570256	39.502	ng	99
26) 2-Nitrophenol	7.781	139	153053	46.954	ng	97
27) 2,4-Dimethylphenol	7.810	122	241949	41.262	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	362885	39.794	ng	99
29) 2,4-Dichlorophenol	8.022	162	249512	40.851	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	243359	40.513	ng	99
31) Naphthalene	8.186	128	765908	40.478	ng	100
32) Benzoic acid	7.910	122	160136	39.461	ng	97
33) 4-Chloroaniline	8.233	127	287242	40.477	ng	99
34) Hexachlorobutadiene	8.304	225	167687	40.172	ng	98
35) Caprolactam	8.598	113	78409	40.375	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	233213	39.750	ng	99
37) 2-Methylnaphthalene	8.880	142	501812	39.814	ng	99
38) 1-Methylnaphthalene	8.980	142	489452	40.035	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	262284	42.523	ng	99
41) Hexachlorocyclopentadiene	9.033	237	97172	37.975	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	188793	41.892	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	195422	41.033	ng		99
46) 1,1'-Biphenyl	9.345	154	609221	41.232	ng		99
47) 2-Chloronaphthalene	9.369	162	516077	41.892	ng		97
48) 2-Nitroaniline	9.463	65	173915	44.653	ng		98
49) Acenaphthylene	9.780	152	712135	41.119	ng		99
50) Dimethylphthalate	9.639	163	588799	41.547	ng		99
51) 2,6-Dinitrotoluene	9.704	165	124219	47.269	ng		93
52) Acenaphthene	9.957	154	461559	40.672	ng		99
53) 3-Nitroaniline	9.874	138	142429	44.264	ng		98
54) 2,4-Dinitrophenol	9.980	184	51721	36.080	ng		94
55) Dibenzofuran	10.127	168	657692	41.055	ng		99
56) 4-Nitrophenol	10.027	139	98359	40.371	ng		96
57) 2,4-Dinitrotoluene	10.104	165	169801	47.489	ng		98
58) Fluorene	10.474	166	486145	40.218	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	140182	41.581	ng	#	98
60) Diethylphthalate	10.345	149	552659	41.977	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	260778	40.805	ng		97
62) 4-Nitroaniline	10.486	138	127496	41.204	ng		97
63) Azobenzene	10.627	77	577007	41.933	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	83613	43.155	ng		98
66) n-Nitrosodiphenylamine	10.580	169	494101	40.814	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	170927	40.114	ng		98
68) Hexachlorobenzene	11.021	284	198595	40.259	ng		98
69) Atrazine	11.110	200	144334	39.336	ng		99
70) Pentachlorophenol	11.216	266	108920	38.445	ng		98
71) Phenanthrene	11.439	178	735375	39.342	ng		100
72) Anthracene	11.492	178	761292	40.316	ng		100
73) Carbazole	11.645	167	656246	39.239	ng		100
74) Di-n-butylphthalate	11.974	149	822341	42.426	ng		99
75) Fluoranthene	12.627	202	782334	40.520	ng		99
77) Benzidine	12.751	184	306857	37.499	ng		98
78) Pyrene	12.863	202	802361	40.838	ng		99
80) Butylbenzylphthalate	13.480	149	291521	45.687	ng		99
81) Benzo(a)anthracene	14.051	228	639349	41.456	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	203268	43.249	ng		98
83) Chrysene	14.086	228	603355	42.270	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	361256	46.966	ng		98
85) Di-n-octyl phthalate	14.651	149	595312	47.122	ng		99
87) Indeno(1,2,3-cd)pyrene	17.039	276	694247	45.437	ng		98
88) Benzo(b)fluoranthene	15.104	252	578461	40.384	ng		99
89) Benzo(k)fluoranthene	15.133	252	521348	39.334	ng		99
90) Benzo(a)pyrene	15.480	252	513760	41.364	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	551406	44.871	ng		99
92) Benzo(g,h,i)perylene	17.492	276	545230	44.368	ng		98

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

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