Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144074.D
Acq On : 27 Oct 2025 10:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.881	152	54596	20.000 ng	0.00
21) Naphthalene-d8	8.163	136	204208	20.000 ng	0.00
39) Acenaphthene-d10	9.922	164	113226	20.000 ng	0.00
64) Phenanthrene-d10	11.410	188	184414	20.000 ng	0.00
76) Chrysene-d12	14.057	240	112717	20.000 ng	0.00
86) Perylene-d12	15.545	264	164562	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.492	112	301448	87.355 ng	0.00
7) Phenol-d6	6.510	99	330814	86.803 ng	0.00
23) Nitrobenzene-d5	7.445	82	314127	84.277 ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122439	84.893 ng	0.00
45) 2-Fluorobiphenyl	9.239	172	642905	79.903 ng	0.00
79) Terphenyl-d14	12.998	244	588700	91.306 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.616	88	59552	39.936 ng	96
3) Pyridine	3.393	79	166522	41.712 ng	99
4) n-Nitrosodimethylamine	3.340	42	93637	38.172 ng	95
6) Aniline	6.545	93	234678	43.042 ng	96
8) 2-Chlorophenol	6.663	128	145493	42.812 ng	98
9) Benzaldehyde	6.434	77	116032	39.213 ng	99
10) Phenol	6.522	94	200102	42.559 ng	100
11) bis(2-Chloroethyl)ether	6.616	93	147253	43.342 ng	97
12) 1,3-Dichlorobenzene	6.822	146	179182	42.743 ng	99
13) 1,4-Dichlorobenzene	6.898	146	177496	42.963 ng	99
14) 1,2-Dichlorobenzene	7.051	146	169286	42.349 ng	99
15) Benzyl Alcohol	7.022	79	136290	43.981 ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	272539	42.682 ng	97
17) 2-Methylphenol	7.134	107	113631	43.474 ng	97
18) Hexachloroethane	7.392	117	63229	42.808 ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	103980	42.191 ng	98
20) 3+4-Methylphenols	7.286	107	133106	43.078 ng	# 84
22) Acetophenone	7.292	105	186251	42.203 ng	93
24) Nitrobenzene	7.463	77	166205	42.153 ng	100
25) Isophorone	7.698	82	278979	42.811 ng	99
26) 2-Nitrophenol	7.781	139	81158	43.268 ng	100
27) 2,4-Dimethylphenol	7.816	122	126382	45.340 ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	173620	42.723 ng	99
29) 2,4-Dichlorophenol	8.022	162	137420	42.393 ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	136990	41.079 ng	97
31) Naphthalene	8.186	128	407407	42.271 ng	99
32) Benzoic acid	7.922	122	73873	41.781 ng	# 83
33) 4-Chloroaniline	8.233	127	148161	44.158 ng	97
34) Hexachlorobutadiene	8.298	225	111465	40.877 ng	97
35) Caprolactam	8.598	113	35660	43.869 ng	91
36) 4-Chloro-3-methylphenol	8.710	107	123434	43.150 ng	96
37) 2-Methylnaphthalene	8.875	142	271332	42.699 ng	97
38) 1-Methylnaphthalene	8.975	142	259791	43.152 ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	161259	41.440 ng	98
41) Hexachlorocyclopentadiene	9.028	237	52737	43.878 ng	98
43) 2,4,6-Trichlorophenol	9.157	196	103575	40.949 ng	95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113082	42.599 ng		95
46) 1,1'-Biphenyl	9.339	154	324424	40.027 ng		100
47) 2-Chloronaphthalene	9.369	162	277516	40.869 ng		97
48) 2-Nitroaniline	9.463	65	87054	43.173 ng		98
49) Acenaphthylene	9.780	152	374544	40.908 ng		100
50) Dimethylphthalate	9.633	163	304442	41.020 ng		100
51) 2,6-Dinitrotoluene	9.704	165	63869	43.531 ng		95
52) Acenaphthene	9.957	154	250322	40.938 ng		98
53) 3-Nitroaniline	9.875	138	66981	41.061 ng		96
54) 2,4-Dinitrophenol	9.980	184	30917	38.960 ng		99
55) Dibenzofuran	10.127	168	350742	41.318 ng		96
56) 4-Nitrophenol	10.033	139	45872	41.527 ng		93
57) 2,4-Dinitrotoluene	10.104	165	83007	41.918 ng		96
58) Fluorene	10.469	166	264329	40.866 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81964	43.817 ng		98
60) Diethylphthalate	10.339	149	282370	40.457 ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	150675	41.424 ng		98
62) 4-Nitroaniline	10.486	138	63652	41.182 ng		98
63) Azobenzene	10.622	77	267316	40.465 ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	49356	41.715 ng		96
66) n-Nitrosodiphenylamine	10.580	169	252814	42.907 ng		98
67) 4-Bromophenyl-phenylether	10.951	248	101473	43.947 ng		98
68) Hexachlorobenzene	11.022	284	123002	43.436 ng		97
69) Atrazine	11.104	200	74391	38.475 ng		99
70) Pentachlorophenol	11.216	266	59017	43.784 ng		96
71) Phenanthrene	11.433	178	381184	41.610 ng		98
72) Anthracene	11.486	178	380792	40.239 ng		98
73) Carbazole	11.645	167	324513	40.288 ng		99
74) Di-n-butylphthalate	11.969	149	383099	38.793 ng		99
75) Fluoranthene	12.627	202	383968	37.938 ng		100
77) Benzidine	12.751	184	145430	41.457 ng		100
78) Pyrene	12.857	202	379834	46.872 ng		99
80) Butylbenzylphthalate	13.474	149	124111	40.484 ng		98
81) Benzo(a)anthracene	14.051	228	329626	43.272 ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	113938	42.969 ng		100
83) Chrysene	14.086	228	295359	41.319 ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	167373	39.991 ng		99
85) Di-n-octyl phthalate	14.645	149	299304	41.585 ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.051	276	496906	43.981 ng		100
88) Benzo(b)fluoranthene	15.110	252	368610	39.622 ng		99
89) Benzo(k)fluoranthene	15.139	252	339785	39.586 ng		99
90) Benzo(a)pyrene	15.480	252	348799	41.791 ng		99
91) Dibenzo(a,h)anthracene	17.068	278	390777	43.695 ng		99
92) Benzo(g,h,i)perylene	17.509	276	394850	43.914 ng		99

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

Quantitation Report   (QT Reviewed)

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