

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143025.D
 Acq On : 08 Jul 2025 10:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 08 12:00:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66813	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	257725	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	136330	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	218169	20.000	ng	0.00
76) Chrysene-d12	14.063	240	109391	20.000	ng	0.00
86) Perylene-d12	15.557	264	135350	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	316247	78.806	ng	0.00
7) Phenol-d6	6.510	99	369973	78.144	ng	0.00
23) Nitrobenzene-d5	7.445	82	397254	84.546	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	108910	77.630	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	846426	81.561	ng	0.00
79) Terphenyl-d14	12.998	244	672150	84.898	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	57982	36.124	ng	98
3) Pyridine	3.399	79	151473	37.643	ng	98
4) n-Nitrosodimethylamine	3.346	42	77170	37.086	ng	99
6) Aniline	6.540	93	244676	38.839	ng	# 88
8) 2-Chlorophenol	6.663	128	170496	39.386	ng	99
9) Benzaldehyde	6.428	77	120691	42.967	ng	99
10) Phenol	6.528	94	207080	39.348	ng	82
11) bis(2-Chloroethyl)ether	6.610	93	147243	39.146	ng	97
12) 1,3-Dichlorobenzene	6.816	146	191514	39.558	ng	99
13) 1,4-Dichlorobenzene	6.892	146	192667	39.445	ng	99
14) 1,2-Dichlorobenzene	7.045	146	182982	39.496	ng	100
15) Benzyl Alcohol	7.022	79	136943	40.010	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	219851	36.380	ng	88
17) 2-Methylphenol	7.134	107	129961	39.617	ng	98
18) Hexachloroethane	7.387	117	66538	38.946	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	107553	39.059	ng	98
20) 3+4-Methylphenols	7.287	107	163708	40.025	ng	95
22) Acetophenone	7.287	105	222206	39.098	ng	98
24) Nitrobenzene	7.463	77	162450	38.199	ng	98
25) Isophorone	7.704	82	291979	38.737	ng	99
26) 2-Nitrophenol	7.781	139	93437	40.333	ng	98
27) 2,4-Dimethylphenol	7.816	122	155161	38.666	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	186301	38.878	ng	100
29) 2,4-Dichlorophenol	8.022	162	141839	38.983	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	155378	38.835	ng	99
31) Naphthalene	8.187	128	490610	38.890	ng	99
32) Benzoic acid	7.939	122	72155	35.279	ng	96
33) 4-Chloroaniline	8.234	127	201664	39.314	ng	98
34) Hexachlorobutadiene	8.298	225	95500	39.023	ng	99
35) Caprolactam	8.610	113	40230	41.901	ng	92
36) 4-Chloro-3-methylphenol	8.722	107	142124	39.303	ng	98
37) 2-Methylnaphthalene	8.875	142	306009	39.127	ng	99
38) 1-Methylnaphthalene	8.975	142	315141	38.925	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	156502	38.905	ng	99
41) Hexachlorocyclopentadiene	9.028	237	92877	40.686	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	100080	38.180	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	104339	37.813	ng	99
46) 1,1'-Biphenyl	9.339	154	410792	38.145	ng	100
47) 2-Chloronaphthalene	9.369	162	306622	37.941	ng	99
48) 2-Nitroaniline	9.463	65	88943	39.256	ng	100
49) Acenaphthylene	9.781	152	505519	37.997	ng	99
50) Dimethylphthalate	9.639	163	350801	39.752	ng	99
51) 2,6-Dinitrotoluene	9.710	165	75946	39.188	ng	95
52) Acenaphthene	9.957	154	321787m	39.643	ng	
53) 3-Nitroaniline	9.881	138	82962	38.881	ng	99
54) 2,4-Dinitrophenol	9.992	184	51195	52.757	ng	96
55) Dibenzofuran	10.128	168	445423	38.268	ng	99
56) 4-Nitrophenol	10.045	139	70555	48.300	ng	96
57) 2,4-Dinitrotoluene	10.116	165	102608	39.860	ng	95
58) Fluorene	10.469	166	354875	39.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	83670	37.618	ng	94
60) Diethylphthalate	10.339	149	338403	39.111	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	169854	39.156	ng	98
62) 4-Nitroaniline	10.492	138	76818	39.365	ng	98
63) Azobenzene	10.622	77	293688	37.977	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	52231	39.580	ng	99
66) n-Nitrosodiphenylamine	10.580	169	298183	39.436	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	100343	40.413	ng	97
68) Hexachlorobenzene	11.022	284	109501	39.689	ng	99
69) Atrazine	11.110	200	82526	42.266	ng	100
70) Pentachlorophenol	11.222	266	80900	58.845	ng	97
71) Phenanthrene	11.439	178	458805	38.822	ng	100
72) Anthracene	11.486	178	475083	39.196	ng	100
73) Carbazole	11.645	167	396286	37.887	ng	100
74) Di-n-butylphthalate	11.969	149	445869	40.919	ng	100
75) Fluoranthene	12.627	202	418605	37.322	ng	100
77) Benzidine	12.751	184	200477	48.779	ng	99
78) Pyrene	12.857	202	467410	45.585	ng	99
80) Butylbenzylphthalate	13.469	149	125308	42.130	ng	96
81) Benzo(a)anthracene	14.051	228	286505	38.824	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	97033	40.538	ng	99
83) Chrysene	14.086	228	253970	38.568	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	169570	39.625	ng	100
85) Di-n-octyl phthalate	14.645	149	323589	40.101	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	408600	39.633	ng	99
88) Benzo(b)fluoranthene	15.115	252	306592	39.146	ng	100
89) Benzo(k)fluoranthene	15.145	252	268010	36.576	ng	100
90) Benzo(a)pyrene	15.498	252	295042	38.995	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	326448	38.971	ng	98
92) Benzo(g,h,i)perylene	17.551	276	324337	38.829	ng	98

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

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