

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142566.D
 Acq On : 30 May 2025 13:20
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 30 13:42:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	109753	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	434666	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	234624	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	409802	20.000	ng	0.00
76) Chrysene-d12	14.074	240	223422	20.000	ng	0.00
86) Perylene-d12	15.568	264	206730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	501324	76.955	ng	0.00
7) Phenol-d6	6.522	99	612585	78.117	ng	-0.01
23) Nitrobenzene-d5	7.463	82	606675	76.107	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	201732	77.469	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1264848	72.339	ng	0.00
79) Terphenyl-d14	13.016	244	1230505	75.263	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	101615	38.980	ng	99
3) Pyridine	3.440	79	265976	40.066	ng	98
4) n-Nitrosodimethylamine	3.387	42	131847	38.252	ng	92
6) Aniline	6.563	93	415610	39.416	ng	99
8) 2-Chlorophenol	6.681	128	275775	38.865	ng	98
9) Benzaldehyde	6.451	77	179637	38.086	ng	99
10) Phenol	6.540	94	347783	39.414	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	246545	38.816	ng	100
12) 1,3-Dichlorobenzene	6.839	146	300831	37.995	ng	99
13) 1,4-Dichlorobenzene	6.916	146	307347	38.536	ng	99
14) 1,2-Dichlorobenzene	7.069	146	293302	38.432	ng	99
15) Benzyl Alcohol	7.039	79	225900	38.981	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	412827	38.703	ng	100
17) 2-Methylphenol	7.151	107	217808	39.316	ng	99
18) Hexachloroethane	7.410	117	105055	37.722	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	182225	37.494	ng	99
20) 3+4-Methylphenols	7.304	107	276765	39.012	ng	99
22) Acetophenone	7.310	105	359638	37.376	ng	99
24) Nitrobenzene	7.486	77	276705	38.488	ng	99
25) Isophorone	7.722	82	501781	37.650	ng	98
26) 2-Nitrophenol	7.798	139	152307	39.647	ng	98
27) 2,4-Dimethylphenol	7.834	122	262718	38.780	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	318773	38.289	ng	99
29) 2,4-Dichlorophenol	8.039	162	237437	38.539	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	252442	37.755	ng	99
31) Naphthalene	8.210	128	801463	37.447	ng	100
32) Benzoic acid	7.939	122	162361	39.371	ng	96
33) 4-Chloroaniline	8.251	127	335533	38.689	ng	99
34) Hexachlorobutadiene	8.322	225	152271	36.473	ng	99
35) Caprolactam	8.622	113	72337	41.805	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	242785	38.452	ng	100
37) 2-Methylnaphthalene	8.898	142	506841	37.642	ng	99
38) 1-Methylnaphthalene	8.998	142	519985	37.334	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	257455	38.226	ng	100
41) Hexachlorocyclopentadiene	9.051	237	167761	36.924	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	175160	38.568	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	186877	39.016	ng	97
46) 1,1'-Biphenyl	9.363	154	687867	37.790	ng	99
47) 2-Chloronaphthalene	9.386	162	510025	37.924	ng	99
48) 2-Nitroaniline	9.480	65	153168	39.403	ng	97
49) Acenaphthylene	9.804	152	868771	38.256	ng	100
50) Dimethylphthalate	9.663	163	591715	38.221	ng	100
51) 2,6-Dinitrotoluene	9.722	165	131661	39.404	ng	98
52) Acenaphthene	9.975	154	531545	38.332	ng	100
53) 3-Nitroaniline	9.892	138	150151	41.142	ng	100
54) 2,4-Dinitrophenol	9.998	184	73435	42.540	ng	97
55) Dibenzofuran	10.145	168	762353	38.204	ng	99
56) 4-Nitrophenol	10.045	139	109735	40.751	ng	99
57) 2,4-Dinitrotoluene	10.128	165	178400	40.883	ng	100
58) Fluorene	10.492	166	589250	38.224	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	155965	39.005	ng	99
60) Diethylphthalate	10.363	149	585735	38.740	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	289995	38.294	ng	98
62) 4-Nitroaniline	10.504	138	142403	43.023	ng	97
63) Azobenzene	10.645	77	522525	38.477	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	95823	41.899	ng	98
66) n-Nitrosodiphenylamine	10.598	169	511834	36.507	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	178142	36.764	ng	98
68) Hexachlorobenzene	11.039	284	200364	37.386	ng	100
69) Atrazine	11.127	200	150686	40.470	ng	99
70) Pentachlorophenol	11.233	266	114176	37.734	ng	99
71) Phenanthrene	11.457	178	816768	37.294	ng	100
72) Anthracene	11.510	178	848131	37.945	ng	99
73) Carbazole	11.663	167	750647	39.284	ng	99
74) Di-n-butylphthalate	11.986	149	835811	39.961	ng	99
75) Fluoranthene	12.645	202	823167	40.225	ng	99
77) Benzidine	12.763	184	361003	43.420	ng	100
78) Pyrene	12.874	202	811528	38.937	ng	100
80) Butylbenzylphthalate	13.486	149	246083	42.730	ng	100
81) Benzo(a)anthracene	14.063	228	567490	38.038	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	183460	40.543	ng	98
83) Chrysene	14.098	228	523334	39.038	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	287264	38.965	ng	99
85) Di-n-octyl phthalate	14.663	149	467708	32.445	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	581571	37.472	ng	99
88) Benzo(b)fluoranthene	15.127	252	504365	41.222	ng	99
89) Benzo(k)fluoranthene	15.157	252	416465	36.342	ng	98
90) Benzo(a)pyrene	15.504	252	452604	39.244	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	472596	37.545	ng	98
92) Benzo(g,h,i)perylene	17.545	276	467824	37.158	ng	98

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

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