

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143445.D
 Acq On : 19 Aug 2025 09:36
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 19 12:03:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	123862	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	470823	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	251926	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	374076	20.000	ng	0.00
76) Chrysene-d12	14.086	240	210363	20.000	ng	0.00
86) Perylene-d12	15.574	264	285369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	565004	79.295	ng	0.00
7) Phenol-d6	6.557	99	692796	77.152	ng	0.00
23) Nitrobenzene-d5	7.487	82	641151	80.806	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	175109	78.092	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1151496	76.880	ng	0.00
79) Terphenyl-d14	13.027	244	902887	72.100	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	131336	38.293	ng	100
3) Pyridine	3.510	79	384990	42.798	ng	98
4) n-Nitrosodimethylamine	3.452	42	168820	40.376	ng	97
6) Aniline	6.592	93	471259	38.658	ng	99
8) 2-Chlorophenol	6.716	128	308249	39.185	ng	100
9) Benzaldehyde	6.475	77	170980	35.792	ng	99
10) Phenol	6.575	94	413806	39.491	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	295147	37.999	ng	100
12) 1,3-Dichlorobenzene	6.869	146	343593	38.991	ng	99
13) 1,4-Dichlorobenzene	6.945	146	346825	39.423	ng	100
14) 1,2-Dichlorobenzene	7.098	146	327027	38.919	ng	100
15) Benzyl Alcohol	7.069	79	260456	39.331	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	498135	37.514	ng	88
17) 2-Methylphenol	7.181	107	248774	38.760	ng	98
18) Hexachloroethane	7.439	117	118857	39.692	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	205941	37.046	ng	99
20) 3+4-Methylphenols	7.334	107	301872	39.344	ng	99
22) Acetophenone	7.334	105	390316	38.557	ng	99
24) Nitrobenzene	7.504	77	331755	40.006	ng	99
25) Isophorone	7.745	82	573979	37.797	ng	99
26) 2-Nitrophenol	7.822	139	165419	43.029	ng	99
27) 2,4-Dimethylphenol	7.857	122	250041	38.468	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	354531	37.982	ng	99
29) 2,4-Dichlorophenol	8.069	162	266068	40.155	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	268161	39.498	ng	98
31) Naphthalene	8.234	128	864979	38.697	ng	100
32) Benzoic acid	7.975	122	126267	37.352	ng	98
33) 4-Chloroaniline	8.275	127	309199	38.323	ng	99
34) Hexachlorobutadiene	8.351	225	170898	39.475	ng	99
35) Caprolactam	8.639	113	71754	37.614	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	263029	38.544	ng	99
37) 2-Methylnaphthalene	8.922	142	578915	38.423	ng	100
38) 1-Methylnaphthalene	9.022	142	550089	38.107	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	277447	39.489	ng	99
41) Hexachlorocyclopentadiene	9.075	237	81116	35.643	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	174471	39.809	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	188711	40.168	ng	99
46) 1,1'-Biphenyl	9.381	154	687835	38.859	ng	99
47) 2-Chloronaphthalene	9.410	162	541591	38.762	ng	99
48) 2-Nitroaniline	9.498	65	167018	40.168	ng	100
49) Acenaphthylene	9.822	152	783068	38.817	ng	100
50) Dimethylphthalate	9.675	163	596061	37.950	ng	99
51) 2,6-Dinitrotoluene	9.739	165	127119	41.056	ng	97
52) Acenaphthene	9.998	154	526415	38.798	ng	99
53) 3-Nitroaniline	9.910	138	136688	39.632	ng	99
54) 2,4-Dinitrophenol	10.022	184	51176	38.759	ng	93
55) Dibenzofuran	10.169	168	735002	37.552	ng	99
56) 4-Nitrophenol	10.075	139	80665	37.201	ng	96
57) 2,4-Dinitrotoluene	10.145	165	168551	40.831	ng	98
58) Fluorene	10.510	166	564896	37.568	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	140842	39.604	ng	97
60) Diethylphthalate	10.375	149	535646	36.905	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	285860	38.452	ng	99
62) 4-Nitroaniline	10.522	138	124720	38.667	ng	99
63) Azobenzene	10.657	77	552945	37.693	ng	98
65) 4,6-Dinitro-2-methylph...	10.557	198	81840	42.402	ng	100
66) n-Nitrosodiphenylamine	10.616	169	477290	39.240	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	173167	39.202	ng	99
68) Hexachlorobenzene	11.063	284	184987	39.392	ng	99
69) Atrazine	11.139	200	137115	38.541	ng	99
70) Pentachlorophenol	11.257	266	83629	40.495	ng	99
71) Phenanthrene	11.475	178	778725	38.443	ng	100
72) Anthracene	11.522	178	788478	38.538	ng	99
73) Carbazole	11.675	167	648190	37.459	ng	100
74) Di-n-butylphthalate	12.004	149	647836	37.595	ng	100
75) Fluoranthene	12.663	202	658646	36.593	ng	99
77) Benzidine	12.780	184	210512	33.511	ng	99
78) Pyrene	12.892	202	666629	36.459	ng	99
80) Butylbenzylphthalate	13.498	149	199021	43.946	ng	100
81) Benzo(a)anthracene	14.074	228	507706	37.909	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	166049	42.346	ng	100
83) Chrysene	14.110	228	486654	39.305	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	309633	48.143	ng	100
85) Di-n-octyl phthalate	14.668	149	592119	45.391	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	802095	37.481	ng	99
88) Benzo(b)fluoranthene	15.139	252	566849	37.062	ng	98
89) Benzo(k)fluoranthene	15.168	252	591511	39.211	ng	99
90) Benzo(a)pyrene	15.515	252	563854	38.707	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	646395	37.613	ng	100
92) Benzo(g,h,i)perylene	17.556	276	632768	36.858	ng	100

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

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