

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141994.D
 Acq On : 18 Mar 2025 14:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 18 15:34:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	239989	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	894289	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	481669	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	753053	20.000	ng	0.00
76) Chrysene-d12	14.045	240	494707	20.000	ng	0.00
86) Perylene-d12	15.515	264	535575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1088701	75.712	ng	0.00
7) Phenol-d6	6.510	99	1339379	73.157	ng	0.00
23) Nitrobenzene-d5	7.445	82	1228373	77.299	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	480221	78.588	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2430888	76.752	ng	0.00
79) Terphenyl-d14	12.986	244	2285237	68.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	229297	38.057	ng	98
3) Pyridine	3.428	79	555865	37.612	ng	97
4) n-Nitrosodimethylamine	3.381	42	262003	37.190	ng	97
6) Aniline	6.545	93	616639	34.142	ng	100
8) 2-Chlorophenol	6.669	128	596390	37.396	ng	99
9) Benzaldehyde	6.434	77	354098	34.582	ng	100
10) Phenol	6.522	94	698267	36.253	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	524685	36.278	ng	99
12) 1,3-Dichlorobenzene	6.822	146	654548	38.016	ng	99
13) 1,4-Dichlorobenzene	6.898	146	664498	38.144	ng	99
14) 1,2-Dichlorobenzene	7.051	146	624373	38.052	ng	99
15) Benzyl Alcohol	7.022	79	535087	36.151	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	585125	33.511	ng	99
17) 2-Methylphenol	7.128	107	460305	36.301	ng	99
18) Hexachloroethane	7.393	117	248095	37.978	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	390501	33.194	ng	100
20) 3+4-Methylphenols	7.287	107	569983	35.093	ng	# 82
22) Acetophenone	7.293	105	795173	37.130	ng	99
24) Nitrobenzene	7.463	77	609535	38.584	ng	99
25) Isophorone	7.704	82	1015352	36.146	ng	99
26) 2-Nitrophenol	7.775	139	322094	41.542	ng	98
27) 2,4-Dimethylphenol	7.810	122	404431	37.881	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	640168	36.335	ng	99
29) 2,4-Dichlorophenol	8.016	162	506941	38.255	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	568900	38.955	ng	99
31) Naphthalene	8.187	128	1713566	37.302	ng	100
32) Benzoic acid	7.934	122	408684	43.547	ng	98
33) 4-Chloroaniline	8.234	127	564371	34.802	ng	98
34) Hexachlorobutadiene	8.298	225	385746	40.503	ng	99
35) Caprolactam	8.610	113	143835	35.601	ng	92
36) 4-Chloro-3-methylphenol	8.710	107	540509	36.564	ng	98
37) 2-Methylnaphthalene	8.875	142	1127917	36.733	ng	99
38) 1-Methylnaphthalene	8.975	142	1081329	36.494	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	587599	40.068	ng	98
41) Hexachlorocyclopentadiene	9.028	237	244958	42.681	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	380905	39.744	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	384465	39.608	ng	99
46) 1,1'-Biphenyl	9.339	154	1408867	38.496	ng	100
47) 2-Chloronaphthalene	9.363	162	1054546	38.659	ng	99
48) 2-Nitroaniline	9.457	65	298838	37.836	ng	97
49) Acenaphthylene	9.781	152	1540693	38.061	ng	100
50) Dimethylphthalate	9.639	163	1242811	36.846	ng	100
51) 2,6-Dinitrotoluene	9.698	165	269332	38.350	ng	96
52) Acenaphthene	9.951	154	1105127	38.848	ng	100
53) 3-Nitroaniline	9.869	138	262837	36.895	ng	99
54) 2,4-Dinitrophenol	9.975	184	159837	43.339	ng	# 48
55) Dibenzofuran	10.122	168	1517598	37.335	ng	99
56) 4-Nitrophenol	10.022	139	209611	39.017	ng	97
57) 2,4-Dinitrotoluene	10.104	165	350210	38.180	ng	97
58) Fluorene	10.469	166	1148628	36.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	343368	38.874	ng	97
60) Diethylphthalate	10.339	149	1213997	36.095	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	610782	37.374	ng	98
62) 4-Nitroaniline	10.481	138	254062	36.632	ng	99
63) Azobenzene	10.616	77	1119869	35.814	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	203861	45.411	ng	98
66) n-Nitrosodiphenylamine	10.575	169	969171	39.770	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	384478	40.653	ng	99
68) Hexachlorobenzene	11.016	284	427155	41.181	ng	94
69) Atrazine	11.098	200	247359	33.111	ng	99
70) Pentachlorophenol	11.204	266	271416	42.469	ng	99
71) Phenanthrene	11.428	178	1567239	38.531	ng	99
72) Anthracene	11.480	178	1548481	37.946	ng	100
73) Carbazole	11.633	167	1293169	36.745	ng	100
74) Di-n-butylphthalate	11.963	149	1654382	35.428	ng	100
75) Fluoranthene	12.616	202	1487447	34.474	ng	99
77) Benzidine	12.733	184	268003	38.829	ng	99
78) Pyrene	12.845	202	1460125	34.121	ng	100
80) Butylbenzylphthalate	13.457	149	584716	34.910	ng	99
81) Benzo(a)anthracene	14.033	228	1243808	38.315	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	408051	43.496	ng	100
83) Chrysene	14.069	228	1140228	38.748	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	850191	36.815	ng	100
85) Di-n-octyl phthalate	14.633	149	1398724	43.530	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1385704	39.997	ng	98
88) Benzo(b)fluoranthene	15.086	252	1250628	34.071	ng	100
89) Benzo(k)fluoranthene	15.116	252	1163553	37.042	ng	99
90) Benzo(a)pyrene	15.457	252	1085663	37.800	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1145269	40.065	ng	98
92) Benzo(g,h,i)perylene	17.468	276	1125885	39.857	ng	98

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

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