

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141145.D
 Acq On : 14 Jan 2025 15:03
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 14 15:32:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	163475	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	630165	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	327637	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	519990	20.000	ng	0.00
76) Chrysene-d12	13.986	240	280836	20.000	ng	0.00
86) Perylene-d12	15.439	264	326947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	808576	76.409	ng	0.00
7) Phenol-d6	6.445	99	1021469	76.203	ng	0.00
23) Nitrobenzene-d5	7.386	82	919643	77.359	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	297012	79.559	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1660853	77.409	ng	0.00
79) Terphenyl-d14	12.933	244	1472475	77.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	181729	38.564	ng	96
3) Pyridine	3.269	79	437079	37.822	ng	96
4) n-Nitrosodimethylamine	3.222	42	217664	38.522	ng	100
6) Aniline	6.481	93	452327	38.007	ng	98
8) 2-Chlorophenol	6.604	128	436148	38.415	ng	98
9) Benzaldehyde	6.369	77	307464	38.945	ng	99
10) Phenol	6.457	94	545053	37.985	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	405218	37.893	ng	98
12) 1,3-Dichlorobenzene	6.763	146	485314	38.326	ng	99
13) 1,4-Dichlorobenzene	6.839	146	491389	38.509	ng	99
14) 1,2-Dichlorobenzene	6.992	146	458184	38.494	ng	99
15) Benzyl Alcohol	6.963	79	358843	37.069	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	539458	36.151	ng	97
17) 2-Methylphenol	7.069	107	350075	38.192	ng	99
18) Hexachloroethane	7.333	117	180614	39.141	ng	98
19) n-Nitroso-di-n-propyla...	7.233	70	294740	37.327	ng	99
20) 3+4-Methylphenols	7.222	107	441621	38.189	ng	97
22) Acetophenone	7.233	105	573414	38.277	ng	99
24) Nitrobenzene	7.404	77	479610	38.710	ng	100
25) Isophorone	7.639	82	774245	38.110	ng	100
26) 2-Nitrophenol	7.716	139	225855	40.074	ng	95
27) 2,4-Dimethylphenol	7.751	122	293652	38.628	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	483961	37.958	ng	99
29) 2,4-Dichlorophenol	7.957	162	356521	39.487	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	407963	39.531	ng	100
31) Naphthalene	8.128	128	1278240	38.464	ng	99
32) Benzoic acid	7.863	122	290946	39.897	ng	99
33) 4-Chloroaniline	8.175	127	437001	38.023	ng	99
34) Hexachlorobutadiene	8.245	225	250460	40.277	ng	99
35) Caprolactam	8.545	113	108791	36.804	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	383142	38.802	ng	99
37) 2-Methylnaphthalene	8.816	142	814183	38.447	ng	99
38) 1-Methylnaphthalene	8.916	142	788531	37.782	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	380367	40.448	ng	100
41) Hexachlorocyclopentadiene	8.969	237	133676	43.449	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	248447	39.173	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	266455	39.780	ng	100
46) 1,1'-Biphenyl	9.280	154	994695	39.093	ng	99
47) 2-Chloronaphthalene	9.304	162	783595	39.540	ng	99
48) 2-Nitroaniline	9.398	65	227296	38.691	ng	98
49) Acenaphthylene	9.722	152	1093384	38.616	ng	100
50) Dimethylphthalate	9.580	163	852610	38.763	ng	100
51) 2,6-Dinitrotoluene	9.645	165	204646	40.009	ng	100
52) Acenaphthene	9.892	154	775846	39.221	ng	99
53) 3-Nitroaniline	9.810	138	199376	38.357	ng	100
54) 2,4-Dinitrophenol	9.910	184	95790	39.400	ng	# 47
55) Dibenzofuran	10.063	168	1038235	38.586	ng	99
56) 4-Nitrophenol	9.957	139	152305	37.414	ng	95
57) 2,4-Dinitrotoluene	10.045	165	264013	40.052	ng	99
58) Fluorene	10.410	166	800456	38.292	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	217874	39.132	ng	99
60) Diethylphthalate	10.280	149	826486	38.489	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	398214	39.085	ng	97
62) 4-Nitroaniline	10.422	138	189414	37.232	ng	96
63) Azobenzene	10.563	77	793230	37.437	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	137023	45.474	ng	96
66) n-Nitrosodiphenylamine	10.516	169	692304	41.277	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	253772	42.390	ng	98
68) Hexachlorobenzene	10.951	284	284084	42.628	ng	99
69) Atrazine	11.045	200	151140	33.468	ng	99
70) Pentachlorophenol	11.145	266	180212	42.226	ng	99
71) Phenanthrene	11.368	178	1103158	39.516	ng	99
72) Anthracene	11.421	178	1079760	39.778	ng	100
73) Carbazole	11.574	167	965388	38.786	ng	100
74) Di-n-butylphthalate	11.910	149	1144348	40.174	ng	100
75) Fluoranthene	12.557	202	1046785	37.576	ng	98
77) Benzidine	12.680	184	284554	54.639	ng	99
78) Pyrene	12.786	202	1039653	38.759	ng	99
80) Butylbenzylphthalate	13.410	149	345082	38.586	ng	98
81) Benzo(a)anthracene	13.974	228	724436	37.904	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	243011	39.931	ng	99
83) Chrysene	14.009	228	668423	37.377	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	424163	39.529	ng	100
85) Di-n-octyl phthalate	14.586	149	651492	40.206	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	970509	40.517	ng	98
88) Benzo(b)fluoranthene	15.015	252	809913	38.416	ng	100
89) Benzo(k)fluoranthene	15.045	252	652759	36.638	ng	99
90) Benzo(a)pyrene	15.380	252	679037	39.038	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	785869	40.564	ng	98
92) Benzo(g,h,i)perylene	17.333	276	833338	41.354	ng	98

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

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