

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012825\
 Data File : BF141286.D
 Acq On : 28 Jan 2025 17:38
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Jan 28 23:39:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 28 23:33:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	131432	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	502369	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	260175	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	408369	20.000	ng	0.00
76) Chrysene-d12	13.969	240	221834	20.000	ng	0.00
86) Perylene-d12	15.427	264	278070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1221892	143.792	ng	0.00
7) Phenol-d6	6.440	99	1546912	144.027	ng	0.00
23) Nitrobenzene-d5	7.369	82	1405150	147.692	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	379835	142.793	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2251569	134.185	ng	0.00
79) Terphenyl-d14	12.916	244	1816855	128.134	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	286627	75.743	ng	99
3) Pyridine	3.222	79	681166	77.918	ng	99
4) n-Nitrosodimethylamine	3.187	42	410871	78.523	ng	98
6) Aniline	6.469	93	591982	71.550	ng	# 76
8) 2-Chlorophenol	6.593	128	646807	70.907	ng	99
10) Phenol	6.457	94	808187	71.005	ng	94
11) bis(2-Chloroethyl)ether	6.546	93	649700	73.355	ng	99
12) 1,3-Dichlorobenzene	6.745	146	719374	71.363	ng	99
13) 1,4-Dichlorobenzene	6.822	146	716426	70.811	ng	99
14) 1,2-Dichlorobenzene	6.975	146	647845	68.343	ng	99
15) Benzyl Alcohol	6.946	79	549869	72.860	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1114183	72.305	ng	98
17) 2-Methylphenol	7.057	107	540537	73.681	ng	99
18) Hexachloroethane	7.316	117	271751	73.104	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	452686	71.363	ng	99
20) 3+4-Methylphenols	7.216	107	610005	67.807	ng	93
22) Acetophenone	7.216	105	828804	69.467	ng	# 98
24) Nitrobenzene	7.393	77	724980	73.744	ng	100
25) Isophorone	7.628	82	1224526	74.585	ng	99
26) 2-Nitrophenol	7.704	139	354815	77.940	ng	100
27) 2,4-Dimethylphenol	7.740	122	427371m	76.318	ng	
28) bis(2-Chloroethoxy)met...	7.840	93	766602	73.539	ng	99
29) 2,4-Dichlorophenol	7.945	162	525418	73.035	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	589009	72.201	ng	99
31) Naphthalene	8.110	128	1846479	70.090	ng	100
32) Benzoic acid	7.881	122	489776	86.927	ng	99
33) 4-Chloroaniline	8.163	127	633169	76.373	ng	99
34) Hexachlorobutadiene	8.222	225	346264	71.689	ng	99
35) Caprolactam	8.545	113	178046	75.830	ng	99
36) 4-Chloro-3-methylphenol	8.640	107	566845	73.006	ng	100
37) 2-Methylnaphthalene	8.798	142	1167297	69.375	ng	100
38) 1-Methylnaphthalene	8.898	142	1142373	69.448	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	534486	72.215	ng	99
41) Hexachlorocyclopentadiene	8.945	237	183896	81.812	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	360746	74.095	ng	100
44) 2,4,5-Trichlorophenol	9.116	196	388835	74.308	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.263	154	1414046	69.664	ng	99
47) 2-Chloronaphthalene	9.287	162	1112295	70.984	ng	99
48) 2-Nitroaniline	9.381	65	380122	76.956	ng	96
49) Acenaphthylene	9.704	152	1544027	70.179	ng	100
50) Dimethylphthalate	9.569	163	1247244	71.940	ng	100
51) 2,6-Dinitrotoluene	9.628	165	298754	74.239	ng	100
52) Acenaphthene	9.875	154	1133659	72.071	ng	99
53) 3-Nitroaniline	9.798	138	303084	73.961	ng	99
54) 2,4-Dinitrophenol	9.904	184	169746	94.750	ng	89
55) Dibenzofuran	10.045	168	1452586	69.073	ng	98
56) 4-Nitrophenol	9.957	139	230420	78.570	ng	97
57) 2,4-Dinitrotoluene	10.034	165	370981	72.310	ng	97
58) Fluorene	10.392	166	1092398	66.932	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	307911	73.305	ng	99
60) Diethylphthalate	10.269	149	1158705	69.208	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	523682	66.197	ng	97
62) 4-Nitroaniline	10.410	138	285255	72.963	ng	99
63) Azobenzene	10.545	77	1200068	70.949	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	216070	88.314	ng	97
66) n-Nitrosodiphenylamine	10.504	169	977367	74.346	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	342458	75.123	ng	97
68) Hexachlorobenzene	10.939	284	376815	73.870	ng	98
69) Atrazine	11.022	200	86741	32.016	ng	98
70) Pentachlorophenol	11.128	266	237041	80.727	ng	100
71) Phenanthrene	11.351	178	1550953	70.486	ng	100
72) Anthracene	11.404	178	1492884	69.600	ng	99
73) Carbazole	11.557	167	1333353	69.539	ng	99
74) Di-n-butylphthalate	11.892	149	1554140	68.673	ng	100
75) Fluoranthene	12.539	202	1441471	66.826	ng	99
77) Benzidine	12.663	184	240099	90.423	ng	100
78) Pyrene	12.769	202	1427057	67.358	ng	99
80) Butylbenzylphthalate	13.392	149	519749	71.737	ng	97
81) Benzo(a)anthracene	13.957	228	1092734	72.076	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	369011	78.881	ng	100
83) Chrysene	13.998	228	1090022	76.584	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	634893	70.693	ng	98
85) Di-n-octyl phthalate	14.580	149	1186633	83.003	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1560021	79.234	ng	99
88) Benzo(b)fluoranthene	15.016	252	1316561	77.208	ng	99
89) Benzo(k)fluoranthene	15.045	252	1108182	70.387	ng	100
90) Benzo(a)pyrene	15.374	252	1129100	76.093	ng	100
91) Dibenzo(a,h)anthracene	16.910	278	1250835	79.658	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1320625	78.616	ng	99

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

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