

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012825\
 Data File : BF141282.D
 Acq On : 28 Jan 2025 15:51
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 28 23:36:38 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	6.798	152	132406	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	525664	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	279080	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	482501	20.000	ng	0.00
76) Chrysene-d12	13.963	240	272980	20.000	ng	0.00
86) Perylene-d12	15.433	264	280334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	370709	43.304	ng	0.00
7) Phenol-d6	6.422	99	464551	42.934	ng	-0.02
23) Nitrobenzene-d5	7.357	82	420494	42.238	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	123412	43.252	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	794501	44.142	ng	0.00
79) Terphenyl-d14	12.910	244	754112	43.219	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	80743	21.180	ng	99
3) Pyridine	3.216	79	186339	21.158	ng	99
4) n-Nitrosodimethylamine	3.157	42	109713	20.814	ng	99
6) Aniline	6.457	93	179731	21.563	ng	99
8) 2-Chlorophenol	6.581	128	199065	21.662	ng	98
9) Benzaldehyde	6.346	77	144522	23.308	ng	99
10) Phenol	6.434	94	248883	21.705	ng	95
11) bis(2-Chloroethyl)ether	6.534	93	189029	21.186	ng	99
12) 1,3-Dichlorobenzene	6.740	146	219039	21.569	ng	99
13) 1,4-Dichlorobenzene	6.816	146	221803	21.762	ng	98
14) 1,2-Dichlorobenzene	6.969	146	209379	21.925	ng	99
15) Benzyl Alcohol	6.934	79	164191	21.596	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	331806	21.374	ng	99
17) 2-Methylphenol	7.045	107	152454	20.628	ng	99
18) Hexachloroethane	7.310	117	80720	21.555	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	136097	21.297	ng	98
20) 3+4-Methylphenols	7.198	107	200189	22.089	ng	97
22) Acetophenone	7.204	105	265501	21.267	ng	99
24) Nitrobenzene	7.375	77	216595	21.055	ng	99
25) Isophorone	7.616	82	357926	20.835	ng	99
26) 2-Nitrophenol	7.692	139	99172	20.819	ng	97
27) 2,4-Dimethylphenol	7.734	122	123588	21.092	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	230368	21.120	ng	99
29) 2,4-Dichlorophenol	7.934	162	160164	21.277	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	180185	21.108	ng	98
31) Naphthalene	8.104	128	586442	21.274	ng	99
32) Benzoic acid	7.816	122	119716	20.306	ng	99
33) 4-Chloroaniline	8.151	127	178288	20.552	ng	98
34) Hexachlorobutadiene	8.222	225	108709	21.509	ng	99
35) Caprolactam	8.498	113	49809	20.274	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	172127	21.186	ng	99
37) 2-Methylnaphthalene	8.792	142	374761	21.286	ng	99
38) 1-Methylnaphthalene	8.892	142	370619	21.532	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	172507	21.729	ng	99
41) Hexachlorocyclopentadiene	8.945	237	51940	21.542	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	111400	21.331	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	120555	21.478	ng	98
46) 1,1'-Biphenyl	9.257	154	472884	21.719	ng	99
47) 2-Chloronaphthalene	9.281	162	361328	21.497	ng	99
48) 2-Nitroaniline	9.375	65	110813	20.915	ng	99
49) Acenaphthylene	9.692	152	512268	21.706	ng	99
50) Dimethylphthalate	9.557	163	395661	21.275	ng	99
51) 2,6-Dinitrotoluene	9.616	165	93228	21.598	ng	100
52) Acenaphthene	9.869	154	360393	21.359	ng	100
53) 3-Nitroaniline	9.786	138	91558	20.829	ng	98
54) 2,4-Dinitrophenol	9.892	184	38277	19.918	ng	89
55) Dibenzofuran	10.039	168	492042	21.812	ng	100
56) 4-Nitrophenol	9.939	139	67781	21.547	ng	97
57) 2,4-Dinitrotoluene	10.022	165	120497	21.896	ng	93
58) Fluorene	10.381	166	383173	21.887	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	97059	21.542	ng	99
60) Diethylphthalate	10.257	149	387030	21.551	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	186688	22.000	ng	99
62) 4-Nitroaniline	10.392	138	90900	21.675	ng	98
63) Azobenzene	10.533	77	387720	21.370	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	57974	20.055	ng	98
66) n-Nitrosodiphenylamine	10.492	169	325117	20.931	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	113035	20.986	ng	98
68) Hexachlorobenzene	10.928	284	125499	20.823	ng	96
69) Atrazine	11.022	200	76696	23.959	ng	97
70) Pentachlorophenol	11.128	266	72438	20.879	ng	98
71) Phenanthrene	11.345	178	556285	21.397	ng	99
72) Anthracene	11.398	178	546669	21.571	ng	99
73) Carbazole	11.551	167	483764	21.354	ng	100
74) Di-n-butylphthalate	11.886	149	575516	21.523	ng	100
75) Fluoranthene	12.533	202	551009	21.620	ng	99
77) Benzidine	12.657	184	47174	14.437	ng	98
78) Pyrene	12.763	202	559195	21.449	ng	99
80) Butylbenzylphthalate	13.386	149	192102	21.547	ng	98
81) Benzo(a)anthracene	13.951	228	398833	21.378	ng	100
82) 3,3'-Dichlorobenzidine	13.922	252	122507	21.281	ng	99
83) Chrysene	13.992	228	356588	20.360	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	235830	21.339	ng	99
85) Di-n-octyl phthalate	14.580	149	361796	20.565	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	411372	20.725	ng	99
88) Benzo(b)fluoranthene	15.010	252	360722	20.983	ng	99
89) Benzo(k)fluoranthene	15.039	252	333838	21.033	ng	100
90) Benzo(a)pyrene	15.368	252	313290	20.943	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	328583	20.756	ng	100
92) Benzo(g,h,i)perylene	17.310	276	350504	20.697	ng	99

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

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