

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141900.D
 Acq On : 10 Mar 2025 12:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Mar 10 15:34:30 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 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	198053	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	797548	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	470833	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	826085	20.000	ng	0.00
76) Chrysene-d12	14.039	240	581591	20.000	ng	0.00
86) Perylene-d12	15.509	264	428960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	514189	43.318	ng	0.00
7) Phenol-d6	6.498	99	651272	43.079	ng	0.00
23) Nitrobenzene-d5	7.439	82	604270	42.465	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	243832	40.869	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1298709	42.002	ng	0.00
79) Terphenyl-d14	12.986	244	1582373	40.218	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	106079	21.323	ng	99
3) Pyridine	3.434	79	264229	21.612	ng	100
4) n-Nitrosodimethylamine	3.375	42	122948	21.155	ng	99
6) Aniline	6.539	93	324802	21.763	ng	99
8) 2-Chlorophenol	6.663	128	284082	21.592	ng	99
9) Benzaldehyde	6.428	77	193024	22.843	ng	98
10) Phenol	6.510	94	346008	21.692	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	253793	21.236	ng	98
12) 1,3-Dichlorobenzene	6.822	146	304632	21.426	ng	98
13) 1,4-Dichlorobenzene	6.898	146	306665	21.319	ng	100
14) 1,2-Dichlorobenzene	7.051	146	289199	21.349	ng	99
15) Benzyl Alcohol	7.016	79	261893	21.402	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	303847	21.095	ng	99
17) 2-Methylphenol	7.122	107	222173	21.248	ng	97
18) Hexachloroethane	7.392	117	114019	21.141	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	206654	21.268	ng	97
20) 3+4-Methylphenols	7.275	107	291065	21.702	ng	99
22) Acetophenone	7.286	105	409149	21.385	ng	99
24) Nitrobenzene	7.457	77	299046	21.196	ng	99
25) Isophorone	7.698	82	522239	20.788	ng	100
26) 2-Nitrophenol	7.775	139	144979	20.970	ng	99
27) 2,4-Dimethylphenol	7.804	122	200058	21.009	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	331966	21.093	ng	99
29) 2,4-Dichlorophenol	8.010	162	246810	20.884	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	272773	20.922	ng	97
31) Naphthalene	8.181	128	877897	21.487	ng	99
32) Benzoic acid	7.892	122	152420	18.313	ng	99
33) 4-Chloroaniline	8.228	127	313249	21.726	ng	98
34) Hexachlorobutadiene	8.298	225	176253	20.791	ng	99
35) Caprolactam	8.580	113	75048	20.884	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	278207	21.168	ng	100
37) 2-Methylnaphthalene	8.875	142	584552	21.324	ng	99
38) 1-Methylnaphthalene	8.975	142	575428	21.677	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	294845	20.538	ng	99
41) Hexachlorocyclopentadiene	9.028	237	117174	20.685	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	189069	20.203	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	198841	20.912	ng	99
46) 1,1'-Biphenyl	9.333	154	749087	20.985	ng	100
47) 2-Chloronaphthalene	9.363	162	555946	20.898	ng	98
48) 2-Nitroaniline	9.451	65	162790	21.302	ng	97
49) Acenaphthylene	9.775	152	837016	21.222	ng	99
50) Dimethylphthalate	9.633	163	691454	21.137	ng	100
51) 2,6-Dinitrotoluene	9.692	165	143513	21.096	ng	100
52) Acenaphthene	9.951	154	579623	20.813	ng	98
53) 3-Nitroaniline	9.863	138	148977	21.327	ng	98
54) 2,4-Dinitrophenol	9.963	184	58223	20.368	ng	# 33
55) Dibenzofuran	10.122	168	843359	21.238	ng	98
56) 4-Nitrophenol	10.010	139	109958	20.955	ng	100
57) 2,4-Dinitrotoluene	10.098	165	189234	21.132	ng	98
58) Fluorene	10.463	166	650245	21.211	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	183513	21.272	ng	99
60) Diethylphthalate	10.333	149	704993	21.468	ng	100
61) 4-Chlorophenyl-phenylether	10.457	204	330489	20.698	ng	99
62) 4-Nitroaniline	10.474	138	142995	21.125	ng	99
63) Azobenzene	10.616	77	660935	21.665	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	91852	18.755	ng	98
66) n-Nitrosodiphenylamine	10.569	169	553905	20.756	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	210241	20.436	ng	100
68) Hexachlorobenzene	11.010	284	234399	20.613	ng	99
69) Atrazine	11.092	200	159306	24.481	ng	99
70) Pentachlorophenol	11.198	266	141842	20.227	ng	100
71) Phenanthrene	11.427	178	939782	21.038	ng	99
72) Anthracene	11.474	178	940875	20.993	ng	99
73) Carbazole	11.627	167	813998	21.096	ng	100
74) Di-n-butylphthalate	11.963	149	1089304	21.382	ng	99
75) Fluoranthene	12.610	202	1014464	21.632	ng	100
77) Benzidine	12.733	184	110648	13.463	ng	99
78) Pyrene	12.839	202	1004157	20.133	ng	99
80) Butylbenzylphthalate	13.457	149	408044	20.761	ng	98
81) Benzo(a)anthracene	14.027	228	776120	20.285	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	221168	19.999	ng	99
83) Chrysene	14.062	228	732966	21.325	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	562062	20.845	ng	99
85) Di-n-octyl phthalate	14.633	149	778373	20.740	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	560913	20.163	ng	99
88) Benzo(b)fluoranthene	15.074	252	636808	21.886	ng	100
89) Benzo(k)fluoranthene	15.104	252	513311	20.196	ng	99
90) Benzo(a)pyrene	15.445	252	481683	20.991	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	460109	20.046	ng	99
92) Benzo(g,h,i)perylene	17.439	276	455034	19.987	ng	99

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

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