

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
 Data File : BF136171.D
 Acq On : 07 Nov 2023 12:01
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 08 01:54:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 01:48:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	89626	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	362705	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	187897	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	332807	20.000	ng	0.00
76) Chrysene-d12	14.004	240	158235	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	157175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	237568	42.205	ng	0.00
7) Phenol-d6	6.445	99	293566	42.383	ng	-0.01
23) Nitrobenzene-d5	7.381	82	269791	41.508	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	83569	42.466	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	540372	42.511	ng	0.00
79) Terphenyl-d14	12.945	244	506253	45.414	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	46195	20.494	ng	99
3) Pyridine	3.322	79	123594	20.407	ng	98
4) n-Nitrosodimethylamine	3.275	42	57385	20.657	ng	95
6) Aniline	6.481	93	187745	21.386	ng	99
8) 2-Chlorophenol	6.604	128	130141	21.477	ng	95
9) Benzaldehyde	6.369	77	87728	21.907	ng	97
10) Phenol	6.457	94	163370	23.147	ng	100
11) bis(2-Chloroethyl)ether	6.557	93	117101	21.063	ng	98
12) 1,3-Dichlorobenzene	6.757	146	134114	20.982	ng	97
13) 1,4-Dichlorobenzene	6.834	146	134409	20.971	ng	98
14) 1,2-Dichlorobenzene	6.987	146	127923	21.235	ng	98
15) Benzyl Alcohol	6.957	79	111098	21.446	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	153653	21.155	ng	99
17) 2-Methylphenol	7.069	107	106121	20.990	ng	98
18) Hexachloroethane	7.328	117	49920	21.343	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	85372	21.352	ng	97
20) 3+4-Methylphenols	7.222	107	136294	21.601	ng	96
22) Acetophenone	7.228	105	174802	20.874	ng	# 98
24) Nitrobenzene	7.398	77	130545	20.638	ng	99
25) Isophorone	7.634	82	230951	20.590	ng	99
26) 2-Nitrophenol	7.716	139	63674	20.769	ng	93
27) 2,4-Dimethylphenol	7.751	122	107721	20.918	ng	100
28) bis(2-Chloroethoxy)met...	7.851	93	142269	21.031	ng	98
29) 2,4-Dichlorophenol	7.951	162	105327	20.977	ng	99
30) 1,2,4-Trichlorobenzene	8.039	180	115880	20.727	ng	99
31) Naphthalene	8.122	128	374707	20.972	ng	100
32) Benzoic acid	7.839	122	64917	20.036	ng	95
33) 4-Chloroaniline	8.169	127	155713	21.012	ng	98
34) Hexachlorobutadiene	8.239	225	70757	20.819	ng	99
35) Caprolactam	8.522	113	30264	20.817	ng	# 86
36) 4-Chloro-3-methylphenol	8.645	107	110636	20.986	ng	100
37) 2-Methylnaphthalene	8.810	142	251853	21.024	ng	98
38) 1-Methylnaphthalene	8.910	142	233150	20.977	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	116872	20.754	ng	99
41) Hexachlorocyclopentadiene	8.963	237	58364	20.098	ng	99
43) 2,4,6-Trichlorophenol	9.086	196	72725	20.625	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	82295	20.259	ng	93
46) 1,1'-Biphenyl	9.281	154	310907	21.087	ng	98
47) 2-Chloronaphthalene	9.304	162	226019	20.973	ng	96
48) 2-Nitroaniline	9.398	65	68464	20.836	ng	97
49) Acenaphthylene	9.716	152	348154	20.929	ng	99
50) Dimethylphthalate	9.580	163	269863	21.257	ng	99
51) 2,6-Dinitrotoluene	9.639	165	57947	21.035	ng	97
52) Acenaphthene	9.892	154	230946	22.136	ng	99
53) 3-Nitroaniline	9.810	138	61888	21.071	ng	99
54) 2,4-Dinitrophenol	9.916	184	19433	19.800	ng	# 83
55) Dibenzofuran	10.063	168	322541	20.938	ng	99
56) 4-Nitrophenol	9.963	139	41418	21.220	ng	91
57) 2,4-Dinitrotoluene	10.045	165	74268	21.227	ng	98
58) Fluorene	10.410	166	251041	21.472	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	66943	20.859	ng	97
60) Diethylphthalate	10.286	149	269033	21.124	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	129077	21.718	ng	94
62) 4-Nitroaniline	10.422	138	56223	21.003	ng	99
63) Azobenzene	10.563	77	235319	21.117	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	33102	20.296	ng	92
66) n-Nitrosodiphenylamine	10.522	169	219819	20.819	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	76092	20.529	ng	92
68) Hexachlorobenzene	10.957	284	79937	20.314	ng	# 92
69) Atrazine	11.051	200	58644	21.924	ng	97
70) Pentachlorophenol	11.151	266	44892	20.397	ng	97
71) Phenanthrene	11.374	178	359673	21.104	ng	98
72) Anthracene	11.427	178	366372	21.060	ng	98
73) Carbazole	11.580	167	298376	21.405	ng	99
74) Di-n-butylphthalate	11.922	149	349981	21.223	ng	99
75) Fluoranthene	12.569	202	333744	21.444	ng	99
77) Benzidine	12.698	184	60351	22.026	ng	99
78) Pyrene	12.798	202	328317	22.188	ng	99
80) Butylbenzylphthalate	13.433	149	101223	21.468	ng	99
81) Benzo(a)anthracene	13.998	228	219528	20.916	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	67519	20.039	ng	97
83) Chrysene	14.033	228	213047	20.748	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	116659	20.499	ng	97
85) Di-n-octyl phthalate	14.621	149	174186	18.281	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	246488	21.404	ng	99
88) Benzo(b)fluoranthene	15.057	252	177457	20.450	ng	99
89) Benzo(k)fluoranthene	15.086	252	187967	21.510	ng	99
90) Benzo(a)pyrene	15.427	252	178802	20.890	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	204909	21.470	ng	99
92) Benzo(g,h,i)perylene	17.462	276	209240	21.624	ng	96

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

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