

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132078.D
 Acq On : 16 Jan 2023 19:24
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Jan 17 00:32:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:25:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	219999	20.000	ng	0.00
21) Naphthalene-d8	8.387	136	731493	20.000	ng	0.00
39) Acenaphthene-d10	10.157	164	382309	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	735755	20.000	ng	0.00
76) Chrysene-d12	14.316	240	439583	20.000	ng	0.00
86) Perylene-d12	15.916	264	457812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.722	112	1327974	99.465	ng	0.00
7) Phenol-d6	6.716	99	1657215	93.617	ng	0.00
23) Nitrobenzene-d5	7.669	82	1461291	82.911	ng	0.00
42) 2,4,6-Tribromophenol	10.951	330	477042	108.524	ng	0.00
45) 2-Fluorobiphenyl	9.469	172	2508845	88.589	ng	0.00
79) Terphenyl-d14	13.251	244	2686047	87.579	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	360385	61.804	ng	99
3) Pyridine	3.822	79	960890	58.715	ng	98
4) n-Nitrosodimethylamine	3.787	42	403402	52.449	ng	99
6) Aniline	6.769	93	1198714m	51.466	ng	
8) 2-Chlorophenol	6.887	128	701907	52.399	ng	98
9) Benzaldehyde	6.651	77	474950	40.322	ng	99
10) Phenol	6.728	94	839417	42.507	ng	98
11) bis(2-Chloroethyl)ether	6.834	93	711026	47.764	ng	99
12) 1,3-Dichlorobenzene	7.040	146	790230	52.964	ng	99
13) 1,4-Dichlorobenzene	7.116	146	786647	52.108	ng	99
14) 1,2-Dichlorobenzene	7.275	146	695478	48.507	ng	98
15) Benzyl Alcohol	7.234	79	671763	43.578	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.369	45	822084	43.760	ng	98
17) 2-Methylphenol	7.334	107	638463	48.163	ng	97
18) Hexachloroethane	7.616	117	279671	44.797	ng	99
19) n-Nitroso-di-n-propyla...	7.510	70	476521	37.212	ng	100
20) 3+4-Methylphenols	7.493	107	771839	45.352	ng	93
22) Acetophenone	7.510	105	916040	43.011	ng	99
24) Nitrobenzene	7.687	77	775481	43.219	ng	97
25) Isophorone	7.922	82	1450948	44.067	ng	98
26) 2-Nitrophenol	7.998	139	283942	40.218	ng	94
27) 2,4-Dimethylphenol	8.022	122	649693	55.132	ng	97
28) bis(2-Chloroethoxy)met...	8.128	93	835659	45.857	ng	98
29) 2,4-Dichlorophenol	8.234	162	635829	52.676	ng	97
30) 1,2,4-Trichlorobenzene	8.328	180	677342	48.997	ng	98
31) Naphthalene	8.410	128	2015415	52.135	ng	100
32) Benzoic acid	8.140	122	359749	52.657	ng	99
33) 4-Chloroaniline	8.451	127	881071	55.231	ng	98
34) Hexachlorobutadiene	8.522	225	438111	45.711	ng	99
35) Caprolactam	8.834	113	194026	54.731	ng	98
36) 4-Chloro-3-methylphenol	8.922	107	636802	44.950	ng	94
37) 2-Methylnaphthalene	9.104	142	1363143	49.097	ng	99
38) 1-Methylnaphthalene	9.204	142	1284746	49.946	ng	100
40) 1,2,4,5-Tetrachloroben...	9.269	216	671290	49.829	ng	99
41) Hexachlorocyclopentadiene	9.257	237	372354	69.204	ng	99
43) 2,4,6-Trichlorophenol	9.375	196	458940	56.597	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.416	196	520121	55.095	ng	96
46) 1,1'-Biphenyl	9.569	154	1554872	52.693	ng	99
47) 2-Chloronaphthalene	9.598	162	1225717	53.519	ng	98
48) 2-Nitroaniline	9.687	65	335781	40.366	ng	97
49) Acenaphthylene	10.022	152	2004808	56.410	ng	100
50) Dimethylphthalate	9.869	163	1508450	50.618	ng	100
51) 2,6-Dinitrotoluene	9.928	165	317324	50.628	ng	93
52) Acenaphthene	10.192	154	1183213	55.463	ng	100
53) 3-Nitroaniline	10.104	138	352707	58.003	ng	98
54) 2,4-Dinitrophenol	10.204	184	121118	38.487	ng	# 15
55) Dibenzofuran	10.363	168	1753573	52.147	ng	97
56) 4-Nitrophenol	10.245	139	283361	82.730	ng	99
57) 2,4-Dinitrotoluene	10.334	165	393210	46.923	ng	# 85
58) Fluorene	10.710	166	1281965	47.722	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.475	232	423539	60.211	ng	98
60) Diethylphthalate	10.569	149	1413882	48.250	ng	99
61) 4-Chlorophenyl-phenyle...	10.698	204	681290	44.303	ng	97
62) 4-Nitroaniline	10.722	138	337452	61.716	ng	99
63) Azobenzene	10.857	77	1421503	45.730	ng	99
65) 4,6-Dinitro-2-methylph...	10.745	198	176868	37.277	ng	99
66) n-Nitrosodiphenylamine	10.816	169	1179706	51.107	ng	100
67) 4-Bromophenyl-phenylether	11.192	248	456217	49.566	ng	97
68) Hexachlorobenzene	11.257	284	496337	53.308	ng	94
69) Atrazine	11.339	200	398869	47.517	ng	99
70) Pentachlorophenol	11.445	266	364269	82.495	ng	98
71) Phenanthrene	11.680	178	2001627	52.187	ng	99
72) Anthracene	11.733	178	2030303	51.419	ng	99
73) Carbazole	11.886	167	1846459	56.485	ng	100
74) Di-n-butylphthalate	12.210	149	2044128	44.909	ng	99
75) Fluoranthene	12.880	202	2194597	50.876	ng	99
77) Benzidine	12.992	184	687485	47.075	ng	98
78) Pyrene	13.110	202	2206002	55.023	ng	99
80) Butylbenzylphthalate	13.722	149	536784	33.169	ng	99
81) Benzo(a)anthracene	14.304	228	1715407	53.638	ng	99
82) 3,3'-Dichlorobenzidine	14.263	252	492688	49.361	ng	99
83) Chrysene	14.345	228	1565417	52.376	ng	99
84) Bis(2-ethylhexyl)phtha...	14.280	149	808630	36.882	ng	99
85) Di-n-octyl phthalate	14.921	149	1140280	38.007	ng	95
87) Indeno(1,2,3-cd)pyrene	17.592	276	1903912	67.809	ng	99
88) Benzo(b)fluoranthene	15.433	252	1575731	50.182	ng	99
89) Benzo(k)fluoranthene	15.468	252	1531467	48.870	ng	98
90) Benzo(a)pyrene	15.851	252	1540562	54.453	ng	100
91) Dibenzo(a,h)anthracene	17.615	278	1555159	66.073	ng	99
92) Benzo(g,h,i)perylene	18.109	276	1615172	71.879	ng	99

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

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