

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
 Data File : BF137110.D
 Acq On : 19 Jan 2024 14:25
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jan 20 00:48:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 20 00:41:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	160644	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	654825	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	343837	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	613948	20.000	ng	0.00
76) Chrysene-d12	13.998	240	374440	20.000	ng	0.00
86) Perylene-d12	15.486	264	335903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	470814	42.951	ng	0.00
7) Phenol-d6	6.440	99	593531	43.131	ng	0.00
23) Nitrobenzene-d5	7.375	82	484206	42.314	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	140255	42.130	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	984839	42.990	ng	0.00
79) Terphenyl-d14	12.945	244	1077497	41.133	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	106704	21.567	ng	98
3) Pyridine	3.352	79	258805	21.547	ng	99
4) n-Nitrosodimethylamine	3.305	42	136927	20.480	ng	# 100
6) Aniline	6.481	93	299822	22.386	ng	99
8) 2-Chlorophenol	6.598	128	247564	21.352	ng	96
9) Benzaldehyde	6.369	77	182215	23.693	ng	96
10) Phenol	6.451	94	327241m	21.981	ng	
11) bis(2-Chloroethyl)ether	6.551	93	243257	20.618	ng	99
12) 1,3-Dichlorobenzene	6.757	146	270756	21.258	ng	98
13) 1,4-Dichlorobenzene	6.834	146	276042	21.522	ng	99
14) 1,2-Dichlorobenzene	6.987	146	258570	21.756	ng	98
15) Benzyl Alcohol	6.951	79	213868	21.544	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	422883	21.522	ng	98
17) 2-Methylphenol	7.063	107	201655	21.211	ng	99
18) Hexachloroethane	7.328	117	99521	21.189	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	179614	21.195	ng	96
20) 3+4-Methylphenols	7.216	107	258051	22.121	ng	97
22) Acetophenone	7.222	105	351732	21.714	ng	# 98
24) Nitrobenzene	7.392	77	265052	21.216	ng	99
25) Isophorone	7.634	82	495144	21.020	ng	99
26) 2-Nitrophenol	7.710	139	92110	20.023	ng	95
27) 2,4-Dimethylphenol	7.745	122	161625	21.282	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	306956	21.496	ng	98
29) 2,4-Dichlorophenol	7.945	162	200345	21.332	ng	98
30) 1,2,4-Trichlorobenzene	8.034	180	232348	21.417	ng	97
31) Naphthalene	8.116	128	746897	21.503	ng	100
32) Benzoic acid	7.834	122	122802	18.280	ng	97
33) 4-Chloroaniline	8.163	127	274911	21.510	ng	100
34) Hexachlorobutadiene	8.234	225	134642	21.333	ng	99
35) Caprolactam	8.516	113	61643m	20.679	ng	
36) 4-Chloro-3-methylphenol	8.639	107	217492	21.200	ng	99
37) 2-Methylnaphthalene	8.810	142	478560	21.648	ng	98
38) 1-Methylnaphthalene	8.904	142	466084	21.614	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	213848	21.251	ng	99
41) Hexachlorocyclopentadiene	8.963	237	80004	20.693	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	138747	21.181	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	151099	21.162	ng	97
46) 1,1'-Biphenyl	9.275	154	594202	21.228	ng	99
47) 2-Chloronaphthalene	9.298	162	462693	21.344	ng	96
48) 2-Nitroaniline	9.392	65	117980	20.719	ng	91
49) Acenaphthylene	9.710	152	657523	21.300	ng	100
50) Dimethylphthalate	9.575	163	507336	21.089	ng	99
51) 2,6-Dinitrotoluene	9.634	165	101451	21.155	ng	96
52) Acenaphthene	9.886	154	444650	21.217	ng	99
53) 3-Nitroaniline	9.798	138	107266	20.982	ng	95
54) 2,4-Dinitrophenol	9.904	184	25026	19.957	ng	97
55) Dibenzofuran	10.057	168	619236	21.347	ng	99
56) 4-Nitrophenol	9.951	139	86489	20.850	ng	97
57) 2,4-Dinitrotoluene	10.033	165	121851	21.248	ng	99
58) Fluorene	10.398	166	468338	21.450	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	121481	21.933	ng	99
60) Diethylphthalate	10.281	149	502005	21.202	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	227943	21.511	ng	95
62) 4-Nitroaniline	10.410	138	103105	21.156	ng	97
63) Azobenzene	10.557	77	527126	21.271	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	39420	20.115	ng	91
66) n-Nitrosodiphenylamine	10.516	169	418474	21.349	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	139684	21.053	ng	93
68) Hexachlorobenzene	10.945	284	160649	21.462	ng	94
69) Atrazine	11.045	200	98201	24.942	ng	97
70) Pentachlorophenol	11.139	266	97441	22.018	ng	99
71) Phenanthrene	11.369	178	708110	21.645	ng	100
72) Anthracene	11.416	178	712739	21.871	ng	100
73) Carbazole	11.575	167	649676	21.980	ng	99
74) Di-n-butylphthalate	11.922	149	744894	21.983	ng	99
75) Fluoranthene	12.563	202	736966	22.116	ng	99
77) Benzidine	12.686	184	22466	5.944	ng	99
78) Pyrene	12.792	202	762026	20.384	ng	99
80) Butylbenzylphthalate	13.427	149	241765	19.979	ng	98
81) Benzo(a)anthracene	13.986	228	578558	20.806	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	145662	21.364	ng	96
83) Chrysene	14.021	228	551752	20.528	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	296914	20.180	ng	100
85) Di-n-octyl phthalate	14.621	149	428526	18.048	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	455338	20.062	ng	100
88) Benzo(b)fluoranthene	15.051	252	444988	20.821	ng	96
89) Benzo(k)fluoranthene	15.080	252	422481	21.621	ng	100
90) Benzo(a)pyrene	15.421	252	363940	20.639	ng	96
91) Dibenzo(a,h)anthracene	17.027	278	382149	20.507	ng	97
92) Benzo(g,h,i)perylene	17.457	276	391945	20.211	ng	98

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

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