

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021224\
 Data File : BF137358.D
 Acq On : 12 Feb 2024 16:00
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 13 02:17:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 13 02:09:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	184342	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	741918	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	402575	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	696918	20.000	ng	0.00
76) Chrysene-d12	13.962	240	428427	20.000	ng	0.00
86) Perylene-d12	15.445	264	362667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	528307	42.957	ng	0.00
7) Phenol-d6	6.416	99	742240	43.212	ng	0.00
23) Nitrobenzene-d5	7.345	82	617607	42.729	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	148628	40.204	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1181149	43.464	ng	0.00
79) Terphenyl-d14	12.910	244	1254876	41.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	131389	20.238	ng	98
3) Pyridine	3.275	79	288707	20.412	ng	97
4) n-Nitrosodimethylamine	3.234	42	98175	19.939	ng	# 92
6) Aniline	6.445	93	336313	20.981	ng	95
8) 2-Chlorophenol	6.569	128	276501	21.406	ng	96
9) Benzaldehyde	6.333	77	194495	21.600	ng	99
10) Phenol	6.428	94	398595	21.619	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	276361	19.843	ng	99
12) 1,3-Dichlorobenzene	6.722	146	311455	21.057	ng	98
13) 1,4-Dichlorobenzene	6.798	146	323851	21.257	ng	98
14) 1,2-Dichlorobenzene	6.951	146	301564	21.656	ng	97
15) Benzyl Alcohol	6.922	79	209143	21.909	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	447685	21.121	ng	98
17) 2-Methylphenol	7.033	107	226527	20.651	ng	97
18) Hexachloroethane	7.292	117	113426	21.267	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	212554	21.703	ng	98
20) 3+4-Methylphenols	7.186	107	287435	22.456	ng	95
22) Acetophenone	7.192	105	394948	21.870	ng	# 95
24) Nitrobenzene	7.363	77	321255	21.187	ng	98
25) Isophorone	7.598	82	630846	20.632	ng	100
26) 2-Nitrophenol	7.680	139	115560	20.056	ng	94
27) 2,4-Dimethylphenol	7.716	122	171995	20.815	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	371402	21.357	ng	99
29) 2,4-Dichlorophenol	7.916	162	225115	21.048	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	257983	20.984	ng	97
31) Naphthalene	8.086	128	870157	21.719	ng	99
32) Benzoic acid	7.816	122	88532	19.814	ng	90
33) 4-Chloroaniline	8.133	127	280005	21.584	ng	95
34) Hexachlorobutadiene	8.198	225	152273	20.561	ng	99
35) Caprolactam	8.492	113	62010	19.648	ng	100
36) 4-Chloro-3-methylphenol	8.616	107	251023	21.594	ng	100
37) 2-Methylnaphthalene	8.775	142	532189	21.645	ng	99
38) 1-Methylnaphthalene	8.874	142	531605	21.960	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	253930	20.921	ng	100
41) Hexachlorocyclopentadiene	8.927	237	68986	20.025	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	163734	21.097	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	181002	21.261	ng	96
46) 1,1'-Biphenyl	9.239	154	669355	21.387	ng	98
47) 2-Chloronaphthalene	9.263	162	533715	21.310	ng	99
48) 2-Nitroaniline	9.363	65	105781	19.151	ng	93
49) Acenaphthylene	9.680	152	787522	21.518	ng	99
50) Dimethylphthalate	9.545	163	610212	21.125	ng	100
51) 2,6-Dinitrotoluene	9.604	165	120527	20.863	ng	92
52) Acenaphthene	9.851	154	484521	21.454	ng	99
53) 3-Nitroaniline	9.774	138	99967	19.497	ng	95
54) 2,4-Dinitrophenol	9.880	184	31177	18.984	ng	93
55) Dibenzofuran	10.027	168	726689	21.716	ng	97
56) 4-Nitrophenol	9.939	139	57058	19.104	ng	97
57) 2,4-Dinitrotoluene	10.010	165	146594	20.483	ng	99
58) Fluorene	10.369	166	573050	22.155	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	141236m	20.797	ng	
60) Diethylphthalate	10.245	149	574495	21.156	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	276132	21.520	ng	94
62) 4-Nitroaniline	10.392	138	78725m	19.650	ng	
63) Azobenzene	10.521	77	640594	21.431	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	61862	19.862	ng	97
66) n-Nitrosodiphenylamine	10.480	169	466253	21.194	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	160322	20.456	ng	99
68) Hexachlorobenzene	10.916	284	180611	20.392	ng	98
69) Atrazine	11.016	200	112873	22.882	ng	99
70) Pentachlorophenol	11.110	266	99114	20.597	ng	99
71) Phenanthrene	11.333	178	799187	21.304	ng	99
72) Anthracene	11.386	178	805584	21.575	ng	99
73) Carbazole	11.545	167	686400	21.293	ng	99
74) Di-n-butylphthalate	11.886	149	690824	20.524	ng	99
75) Fluoranthene	12.527	202	793910	21.738	ng	98
77) Benzidine	12.668	184	7711m	5.703	ng	
78) Pyrene	12.757	202	801104	20.388	ng	99
80) Butylbenzylphthalate	13.392	149	61716	18.285	ng	86
81) Benzo(a)anthracene	13.957	228	610151	20.473	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	83337	19.130	ng	97
83) Chrysene	13.992	228	614730	20.165	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	106351	19.068	ng	97
85) Di-n-octyl phthalate	14.580	149	176587	20.144	ng	95
87) Indeno(1,2,3-cd)pyrene	16.939	276	430950	19.882	ng	100
88) Benzo(b)fluoranthene	15.009	252	503518	21.191	ng	98
89) Benzo(k)fluoranthene	15.039	252	482781	21.357	ng	99
90) Benzo(a)pyrene	15.380	252	409699	20.636	ng	98
91) Dibenzo(a,h)anthracene	16.962	278	351738	20.322	ng	99
92) Benzo(g,h,i)perylene	17.386	276	362662	19.974	ng	99

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

