

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
 Data File : BF137442.D
 Acq On : 29 Feb 2024 14:12
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

Quant Time: Mar 01 03:28:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 03:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	201015	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	797633	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	452004	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	781783	20.000	ng	0.00
76) Chrysene-d12	13.974	240	452551	20.000	ng	-0.01
86) Perylene-d12	15.462	264	357185	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	593074	44.677	ng	-0.01
7) Phenol-d6	6.428	99	842105	43.948	ng	-0.02
23) Nitrobenzene-d5	7.357	82	751746	43.791	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	168939	42.561	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1276416	44.204	ng	-0.01
79) Terphenyl-d14	12.915	244	1388772	42.199	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	153478	21.145	ng	97
3) Pyridine	3.316	79	380924	21.760	ng	99
4) n-Nitrosodimethylamine	3.275	42	126170	20.185	ng	98
6) Aniline	6.463	93	513162	21.917	ng	97
8) 2-Chlorophenol	6.581	128	308982	22.068	ng	96
9) Benzaldehyde	6.351	77	209203	22.285	ng	96
10) Phenol	6.445	94	456485	22.133	ng	94
11) bis(2-Chloroethyl)ether	6.534	93	310832	20.567	ng	99
12) 1,3-Dichlorobenzene	6.734	146	325629	21.765	ng	99
13) 1,4-Dichlorobenzene	6.810	146	335623	21.975	ng	98
14) 1,2-Dichlorobenzene	6.963	146	312081	22.210	ng	99
15) Benzyl Alcohol	6.939	79	274204	22.986	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	565818	21.780	ng	99
17) 2-Methylphenol	7.051	107	283469	21.636	ng	97
18) Hexachloroethane	7.304	117	109785	21.781	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	259244	21.910	ng	97
20) 3+4-Methylphenols	7.204	107	350765	23.377	ng	90
22) Acetophenone	7.204	105	431062	22.336	ng	98
24) Nitrobenzene	7.375	77	370651	21.493	ng	99
25) Isophorone	7.610	82	687501	21.080	ng	100
26) 2-Nitrophenol	7.692	139	145195	21.207	ng	97
27) 2,4-Dimethylphenol	7.728	122	279615	21.857	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	416423	21.762	ng	100
29) 2,4-Dichlorophenol	7.933	162	256604	21.856	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	264844	21.435	ng	98
31) Naphthalene	8.092	128	951132	22.225	ng	99
32) Benzoic acid	7.833	122	112722m	19.058	ng	
33) 4-Chloroaniline	8.145	127	372725	22.211	ng	97
34) Hexachlorobutadiene	8.210	225	155543	21.324	ng	99
35) Caprolactam	8.504	113	83152	20.880	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	282308	21.511	ng	99
37) 2-Methylnaphthalene	8.786	142	606470	22.230	ng	98
38) 1-Methylnaphthalene	8.886	142	572906	22.299	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	275137	21.804	ng	100
41) Hexachlorocyclopentadiene	8.939	237	63787	19.352	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	174989	21.295	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	209616	22.144	ng	97
46) 1,1'-Biphenyl	9.251	154	731660	22.116	ng	99
47) 2-Chloronaphthalene	9.275	162	550194	21.813	ng	99
48) 2-Nitroaniline	9.375	65	180428	21.046	ng	93
49) Acenaphthylene	9.692	152	895605	22.188	ng	98
50) Dimethylphthalate	9.557	163	677193	21.522	ng	100
51) 2,6-Dinitrotoluene	9.616	165	142215	21.609	ng	99
52) Acenaphthene	9.863	154	532926	22.115	ng	98
53) 3-Nitroaniline	9.786	138	140699	20.212	ng	99
54) 2,4-Dinitrophenol	9.892	184	39741	19.333	ng	87
55) Dibenzofuran	10.033	168	828994	22.586	ng	100
56) 4-Nitrophenol	9.951	139	81596	20.070	ng	97
57) 2,4-Dinitrotoluene	10.022	165	179312	22.177	ng	94
58) Fluorene	10.380	166	633906	22.489	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	163961	21.648	ng	92
60) Diethylphthalate	10.257	149	649853	21.871	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	304598	22.049	ng	96
62) 4-Nitroaniline	10.404	138	133686m	22.339	ng	
63) Azobenzene	10.533	77	744620	21.764	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	83826	19.238	ng	97
66) n-Nitrosodiphenylamine	10.492	169	546431	21.706	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	184425	21.659	ng	95
68) Hexachlorobenzene	10.927	284	182476	21.217	ng	# 93
69) Atrazine	11.021	200	167122	21.838	ng	96
70) Pentachlorophenol	11.121	266	103798	19.837	ng	99
71) Phenanthrene	11.345	178	940267	22.100	ng	99
72) Anthracene	11.398	178	975293	22.319	ng	98
73) Carbazole	11.557	167	830594	22.191	ng	98
74) Di-n-butylphthalate	11.892	149	981156	22.032	ng	100
75) Fluoranthene	12.539	202	926415	22.276	ng	98
77) Benzidine	12.674	184	224868	20.304	ng	99
78) Pyrene	12.768	202	948326	21.356	ng	99
80) Butylbenzylphthalate	13.398	149	228980	20.191	ng	97
81) Benzo(a)anthracene	13.962	228	687259	21.667	ng	98
82) 3,3'-Dichlorobenzidine	13.933	252	176622	20.910	ng	97
83) Chrysene	13.998	228	675850	21.082	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	296522	20.572	ng	100
85) Di-n-octyl phthalate	14.586	149	443092	19.694	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	498323	21.200	ng	98
88) Benzo(b)fluoranthene	15.021	252	461365	21.836	ng	99
89) Benzo(k)fluoranthene	15.051	252	482841	21.276	ng	98
90) Benzo(a)pyrene	15.398	252	446234	21.431	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	405107	21.246	ng	99
92) Benzo(g,h,i)perylene	17.427	276	418383	21.365	ng	99

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

