

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
 Data File : BF137441.D
 Acq On : 29 Feb 2024 13:43
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Mar 01 03:27:05 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	6.793	152	204171	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	811505	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	462484	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	808462	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	502943	20.000	ng	-0.01
86) Perylene-d12	15.457	264	371269	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	275539	20.436	ng	-0.01
7) Phenol-d6	6.428	99	409676	21.050	ng	-0.02
23) Nitrobenzene-d5	7.351	82	354907	20.321	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	80510	19.823	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	678531	22.966	ng	-0.02
79) Terphenyl-d14	12.916	244	740465	20.245	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	73138	9.921	ng	97
3) Pyridine	3.328	79	156102	8.779	ng	98
4) n-Nitrosodimethylamine	3.281	42	43422	9.354	ng	92
6) Aniline	6.457	93	237030	9.967	ng	99
8) 2-Chlorophenol	6.575	128	149280	10.497	ng	93
9) Benzaldehyde	6.346	77	95543	10.020	ng	97
10) Phenol	6.440	94	218679	10.439	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	140884	9.178	ng	99
12) 1,3-Dichlorobenzene	6.734	146	159150	10.473	ng	96
13) 1,4-Dichlorobenzene	6.810	146	160509	10.347	ng	99
14) 1,2-Dichlorobenzene	6.963	146	155399	10.889	ng	97
15) Benzyl Alcohol	6.934	79	124621	10.285	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	280211	10.620	ng	99
17) 2-Methylphenol	7.045	107	137658	10.345	ng	98
18) Hexachloroethane	7.298	117	51222	10.005	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	127804	10.634	ng	93
20) 3+4-Methylphenols	7.198	107	169937	11.150	ng	# 83
22) Acetophenone	7.198	105	213065	10.851	ng	98
24) Nitrobenzene	7.369	77	176162	10.041	ng	97
25) Isophorone	7.604	82	337203	10.163	ng	98
26) 2-Nitrophenol	7.687	139	65552	9.411	ng	94
27) 2,4-Dimethylphenol	7.728	122	133867	10.285	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	201922	10.372	ng	100
29) 2,4-Dichlorophenol	7.928	162	120225	10.065	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	132187	10.516	ng	99
31) Naphthalene	8.092	128	471857	10.837	ng	98
32) Benzoic acid	7.816	122	49890m	11.506	ng	
33) 4-Chloroaniline	8.145	127	174594	10.226	ng	97
34) Hexachlorobutadiene	8.210	225	77325	10.419	ng	99
35) Caprolactam	8.487	113	38909	9.603	ng	99
36) 4-Chloro-3-methylphenol	8.622	107	135783	10.169	ng	95
37) 2-Methylnaphthalene	8.787	142	303550	10.936	ng	99
38) 1-Methylnaphthalene	8.881	142	288102	11.022	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	135081	10.462	ng	99
41) Hexachlorocyclopentadiene	8.934	237	19349	11.535	ng	96
43) 2,4,6-Trichlorophenol	9.063	196	82066	9.760	ng	99

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44) 2,4,5-Trichlorophenol	9.104	196	92124	9.511	ng	98
46) 1,1'-Biphenyl	9.245	154	366768	10.835	ng	96
47) 2-Chloronaphthalene	9.275	162	270641	10.487	ng	97
48) 2-Nitroaniline	9.375	65	79856	9.104	ng	98
49) Acenaphthylene	9.686	152	446840	10.819	ng	100
50) Dimethylphthalate	9.551	163	342563	10.641	ng	98
51) 2,6-Dinitrotoluene	9.616	165	65490	9.726	ng	92
52) Acenaphthene	9.857	154	268287	10.881	ng	99
53) 3-Nitroaniline	9.786	138	67304	9.449	ng	98
54) 2,4-Dinitrophenol	9.898	184	10150	10.998	ng #	82
55) Dibenzofuran	10.034	168	416247	11.084	ng	97
56) 4-Nitrophenol	9.957	139	23958	8.987	ng	94
57) 2,4-Dinitrotoluene	10.016	165	82304	9.949	ng	93
58) Fluorene	10.375	166	328382	11.386	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	79944	10.316	ng	94
60) Diethylphthalate	10.251	149	327310	10.766	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	157636	11.152	ng	93
62) 4-Nitroaniline	10.398	138	55000m	8.982	ng	
63) Azobenzene	10.533	77	370352	10.579	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	32363	7.182	ng	94
66) n-Nitrosodiphenylamine	10.486	169	277596	10.663	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	88394	10.038	ng	92
68) Hexachlorobenzene	10.922	284	91088	10.242	ng	99
69) Atrazine	11.022	200	80631	10.188	ng	99
70) Pentachlorophenol	11.122	266	42364	7.829	ng	98
71) Phenanthrene	11.339	178	483036	10.979	ng	99
72) Anthracene	11.392	178	483238	10.694	ng	99
73) Carbazole	11.551	167	415193	10.727	ng	97
74) Di-n-butylphthalate	11.892	149	486236	10.558	ng	100
75) Fluoranthene	12.533	202	471614	10.966	ng	100
77) Benzidine	12.675	184	94209m	7.654	ng	
78) Pyrene	12.763	202	484994	9.828	ng	99
80) Butylbenzylphthalate	13.398	149	110808	8.792	ng	97
81) Benzo(a)anthracene	13.963	228	353296	10.022	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	80043	8.527	ng	97
83) Chrysene	13.998	228	353876	9.933	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	140851	8.793	ng	98
85) Di-n-octyl phthalate	14.580	149	203182	11.419	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	233525	9.558	ng	98
88) Benzo(b)fluoranthene	15.021	252	217883	9.921	ng	97
89) Benzo(k)fluoranthene	15.051	252	252298	10.695	ng	99
90) Benzo(a)pyrene	15.392	252	212454	9.817	ng	97
91) Dibenzo(a,h)anthracene	16.986	278	187060	9.438	ng	98
92) Benzo(g,h,i)perylene	17.415	276	191139	9.391	ng	100

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

