

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
 Data File : BF137701.D
 Acq On : 23 Apr 2024 18:49
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 03:46:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:33:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	279957	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1122920	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	626759	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1089901	20.000	ng	0.00
76) Chrysene-d12	14.257	240	801337	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	672312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	798416	43.322	ng	0.00
7) Phenol-d6	6.669	99	1021010	43.626	ng	0.00
23) Nitrobenzene-d5	7.622	82	909233	42.982	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	276920	43.785	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	1858837	44.315	ng	0.00
79) Terphenyl-d14	13.192	244	2150603	43.197	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.987	88	175557	21.273	ng	98
3) Pyridine	3.746	79	462053	21.018	ng	99
4) n-Nitrosodimethylamine	3.704	42	215059	20.961	ng	98
6) Aniline	6.722	93	614632	21.095	ng	99
8) 2-Chlorophenol	6.845	128	423809	22.029	ng	99
9) Benzaldehyde	6.616	77	288900	21.996	ng	97
10) Phenol	6.681	94	507449	21.704	ng	97
11) bis(2-Chloroethyl)ether	6.792	93	408576	21.424	ng	100
12) 1,3-Dichlorobenzene	7.004	146	434312	21.527	ng	97
13) 1,4-Dichlorobenzene	7.081	146	440392	21.681	ng	98
14) 1,2-Dichlorobenzene	7.234	146	416716	22.040	ng	99
15) Benzyl Alcohol	7.192	79	369372	21.097	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	629137	21.451	ng	99
17) 2-Methylphenol	7.292	107	363316	21.256	ng	99
18) Hexachloroethane	7.581	117	155538	21.636	ng	98
19) n-Nitroso-di-n-propyla...	7.463	70	325939	21.537	ng	98
20) 3+4-Methylphenols	7.445	107	486040	22.016	ng	97
22) Acetophenone	7.469	105	596691	21.725	ng	# 98
24) Nitrobenzene	7.639	77	458460	21.451	ng	93
25) Isophorone	7.875	82	829154	21.105	ng	98
26) 2-Nitrophenol	7.957	139	197336	21.040	ng	96
27) 2,4-Dimethylphenol	7.981	122	397832	21.025	ng	99
28) bis(2-Chloroethoxy)met...	8.087	93	517390	21.561	ng	100
29) 2,4-Dichlorophenol	8.192	162	355048	21.410	ng	98
30) 1,2,4-Trichlorobenzene	8.287	180	362624	21.454	ng	99
31) Naphthalene	8.369	128	1266491	22.102	ng	99
32) Benzoic acid	8.057	122	231320	19.307	ng	97
33) 4-Chloroaniline	8.410	127	528397	21.786	ng	99
34) Hexachlorobutadiene	8.481	225	218807	21.593	ng	99
35) Caprolactam	8.763	113	111588m	20.813	ng	
36) 4-Chloro-3-methylphenol	8.875	107	375878	21.371	ng	98
37) 2-Methylnaphthalene	9.063	142	869838	22.116	ng	99
38) 1-Methylnaphthalene	9.163	142	816279	22.198	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	370174	21.543	ng	99
41) Hexachlorocyclopentadiene	9.210	237	199204	20.691	ng	97
43) 2,4,6-Trichlorophenol	9.328	196	257911	21.396	ng	98

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44) 2,4,5-Trichlorophenol	9.363	196	300864	21.779	ng	98
46) 1,1'-Biphenyl	9.522	154	1010277	22.157	ng	98
47) 2-Chloronaphthalene	9.551	162	769097	21.882	ng	99
48) 2-Nitroaniline	9.639	65	228083	21.296	ng	98
49) Acenaphthylene	9.969	152	1210469	22.084	ng	99
50) Dimethylphthalate	9.816	163	947544	21.699	ng	99
51) 2,6-Dinitrotoluene	9.881	165	196872	21.398	ng	99
52) Acenaphthene	10.145	154	781338	22.015	ng	99
53) 3-Nitroaniline	10.051	138	218969	21.178	ng	92
54) 2,4-Dinitrophenol	10.151	184	77979	20.427	ng	# 21
55) Dibenzofuran	10.316	168	1147569	22.058	ng	100
56) 4-Nitrophenol	10.186	139	172671	21.474	ng	93
57) 2,4-Dinitrotoluene	10.286	165	252374	21.758	ng	94
58) Fluorene	10.657	166	909793	22.381	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	234547	21.926	ng	99
60) Diethylphthalate	10.522	149	931659	22.182	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	447170	22.263	ng	96
62) 4-Nitroaniline	10.669	138	216141	21.947	ng	97
63) Azobenzene	10.810	77	948854	22.046	ng	99
65) 4,6-Dinitro-2-methylph...	10.692	198	120543	19.290	ng	86
66) n-Nitrosodiphenylamine	10.763	169	804954	21.806	ng	100
67) 4-Bromophenyl-phenylether	11.139	248	270244	21.398	ng	94
68) Hexachlorobenzene	11.204	284	261120	21.223	ng	93
69) Atrazine	11.286	200	233746	22.907	ng	100
70) Pentachlorophenol	11.398	266	201806	21.805	ng	99
71) Phenanthrene	11.627	178	1273495	22.073	ng	98
72) Anthracene	11.680	178	1306643	22.117	ng	99
73) Carbazole	11.833	167	1173579	21.919	ng	99
74) Di-n-butylphthalate	12.151	149	1488746	22.810	ng	99
75) Fluoranthene	12.822	202	1350649	22.272	ng	99
77) Benzidine	12.939	184	373951	19.980	ng	98
78) Pyrene	13.051	202	1381728	21.008	ng	99
80) Butylbenzylphthalate	13.663	149	489382	20.981	ng	95
81) Benzo(a)anthracene	14.245	228	1188589	21.266	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	387110	22.385	ng	# 96
83) Chrysene	14.280	228	1130224	21.642	ng	100
84) Bis(2-ethylhexyl)phtha...	14.216	149	770200	21.865	ng	97
85) Di-n-octyl phthalate	14.851	149	1161270	21.947	ng	100
87) Indeno(1,2,3-cd)pyrene	17.462	276	697423	18.709	ng	100
88) Benzo(b)fluoranthene	15.351	252	931057	21.641	ng	99
89) Benzo(k)fluoranthene	15.386	252	942452	22.285	ng	99
90) Benzo(a)pyrene	15.757	252	821670	21.290	ng	100
91) Dibenzo(a,h)anthracene	17.486	278	585886	18.939	ng	99
92) Benzo(g,h,i)perylene	17.962	276	544848	18.112	ng	99

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

