

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051424\
 Data File : BF137913.D
 Acq On : 14 May 2024 12:45
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 17:17:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 15:07:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	129426	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	492790	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	270840	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	447526	20.000	ng	0.00
76) Chrysene-d12	14.227	240	251101	20.000	ng	0.00
86) Perylene-d12	15.786	264	218679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	320313	42.039	ng	0.00
7) Phenol-d6	6.651	99	394876	42.071	ng	0.00
23) Nitrobenzene-d5	7.598	82	352770	42.129	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	112106	41.051	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	759397	43.190	ng	0.00
79) Terphenyl-d14	13.163	244	732177	42.974	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	67896	20.570	ng	97
3) Pyridine	3.704	79	153023	20.661	ng	99
4) n-Nitrosodimethylamine	3.663	42	66731	20.424	ng	98
6) Aniline	6.704	93	172572	20.282	ng	98
8) 2-Chlorophenol	6.822	128	172665	20.940	ng	98
9) Benzaldehyde	6.593	77	117086	23.058	ng	98
10) Phenol	6.663	94	197690	20.867	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	151377	20.811	ng	98
12) 1,3-Dichlorobenzene	6.981	146	202773	21.254	ng	98
13) 1,4-Dichlorobenzene	7.057	146	202760	21.173	ng	99
14) 1,2-Dichlorobenzene	7.210	146	190859	21.177	ng	99
15) Benzyl Alcohol	7.169	79	135283	22.322	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	186842	20.896	ng	99
17) 2-Methylphenol	7.275	107	136431	20.747	ng	98
18) Hexachloroethane	7.557	117	68724	21.208	ng	99
19) n-Nitroso-di-n-propyla...	7.439	70	109435	20.753	ng	99
20) 3+4-Methylphenols	7.428	107	182600	21.196	ng	97
22) Acetophenone	7.445	105	233734	21.173	ng	# 98
24) Nitrobenzene	7.622	77	177860	20.938	ng	97
25) Isophorone	7.851	82	303651	20.894	ng	99
26) 2-Nitrophenol	7.934	139	88381	20.706	ng	96
27) 2,4-Dimethylphenol	7.957	122	114286	20.797	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	185739	21.088	ng	99
29) 2,4-Dichlorophenol	8.169	162	145936	21.118	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	162329	21.039	ng	99
31) Naphthalene	8.345	128	527424	21.286	ng	100
32) Benzoic acid	8.034	122	87209m	18.730	ng	
33) 4-Chloroaniline	8.386	127	168583	20.755	ng	98
34) Hexachlorobutadiene	8.457	225	101878	20.861	ng	95
35) Caprolactam	8.734	113	40109	20.029	ng	93
36) 4-Chloro-3-methylphenol	8.857	107	147900	21.039	ng	100
37) 2-Methylnaphthalene	9.039	142	335581	21.070	ng	99
38) 1-Methylnaphthalene	9.139	142	330222	21.090	ng	98
40) 1,2,4,5-Tetrachloroben...	9.198	216	153691	20.873	ng	99
41) Hexachlorocyclopentadiene	9.186	237	57008	20.376	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	101145	20.951	ng	97

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44) 2,4,5-Trichlorophenol	9.345	196	110260	20.873	ng	96
46) 1,1'-Biphenyl	9.498	154	403235	21.227	ng	98
47) 2-Chloronaphthalene	9.528	162	321415	21.196	ng	99
48) 2-Nitroaniline	9.616	65	79681	20.520	ng	97
49) Acenaphthylene	9.945	152	462852	21.228	ng	99
50) Dimethylphthalate	9.792	163	353847	20.834	ng	100
51) 2,6-Dinitrotoluene	9.857	165	80667	20.694	ng	100
52) Acenaphthene	10.116	154	301827	20.944	ng	100
53) 3-Nitroaniline	10.028	138	77975	20.462	ng	100
54) 2,4-Dinitrophenol	10.128	184	29674	19.831	ng #	16
55) Dibenzofuran	10.286	168	445205	21.227	ng	99
56) 4-Nitrophenol	10.169	139	55718	20.357	ng	96
57) 2,4-Dinitrotoluene	10.257	165	104247	20.687	ng #	86
58) Fluorene	10.633	166	345973	20.855	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.398	232	86350	20.808	ng	99
60) Diethylphthalate	10.492	149	328753	20.726	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	170894	20.889	ng	96
62) 4-Nitroaniline	10.639	138	71679	19.832	ng	98
63) Azobenzene	10.780	77	302751	20.984	ng	97
65) 4,6-Dinitro-2-methylph...	10.669	198	49032	18.975	ng	90
66) n-Nitrosodiphenylamine	10.739	169	290251	21.149	ng	97
67) 4-Bromophenyl-phenylether	11.116	248	103151	21.025	ng	95
68) Hexachlorobenzene	11.180	284	113318	20.895	ng	94
69) Atrazine	11.257	200	80137	21.383	ng	100
70) Pentachlorophenol	11.375	266	66361	20.890	ng	100
71) Phenanthrene	11.604	178	465822	21.122	ng	99
72) Anthracene	11.651	178	463732	21.193	ng	100
73) Carbazole	11.804	167	420221	21.023	ng	99
74) Di-n-butylphthalate	12.127	149	456363	20.573	ng	99
75) Fluoranthene	12.792	202	465139	20.779	ng	98
77) Benzidine	12.916	184	29644	9.033	ng	98
78) Pyrene	13.027	202	474118	21.588	ng	98
80) Butylbenzylphthalate	13.633	149	132107	19.942	ng	96
81) Benzo(a)anthracene	14.216	228	330618	20.812	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	91462	20.775	ng	99
83) Chrysene	14.251	228	316524	20.833	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	162454	19.509	ng	99
85) Di-n-octyl phthalate	14.810	149	209142	18.591	ng	100
87) Indeno(1,2,3-cd)pyrene	17.404	276	301818	21.482	ng	100
88) Benzo(b)fluoranthene	15.315	252	254820	20.125	ng	98
89) Benzo(k)fluoranthene	15.345	252	260918	20.976	ng	99
90) Benzo(a)pyrene	15.715	252	222713	20.599	ng	99
91) Dibenzo(a,h)anthracene	17.421	278	250054	21.542	ng	100
92) Benzo(g,h,i)perylene	17.898	276	262856	21.556	ng	98

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

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