

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132406.D
 Acq On : 13 Feb 2023 12:54
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 00:11:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	115489	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	500409	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	252212	20.000	ng	0.00
64) Phenanthrene-d10	11.577	188	475306	20.000	ng	0.00
76) Chrysene-d12	14.242	240	332357	20.000	ng	0.00
86) Perylene-d12	15.807	264	355228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	229197	31.900	ng	0.00
7) Phenol-d6	6.642	99	283602	32.017	ng	-0.01
23) Nitrobenzene-d5	7.595	82	323947	36.024	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	141742	54.650	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	770157	47.155	ng	0.00
79) Terphenyl-d14	13.171	244	714782	41.602	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.907	88	84773	25.075	ng	99
3) Pyridine	3.684	79	165233	18.016	ng	98
4) n-Nitrosodimethylamine	3.631	42	50742	17.290	ng	94
6) Aniline	6.695	93	159453	13.266	ng	99
8) 2-Chlorophenol	6.813	128	164459	22.101	ng	96
9) Benzaldehyde	6.584	77	52287	9.671	ng	96
10) Phenol	6.660	94	145469	15.867	ng	96
11) bis(2-Chloroethyl)ether	6.760	93	165465	21.929	ng	98
12) 1,3-Dichlorobenzene	6.972	146	182656	23.208	ng	97
13) 1,4-Dichlorobenzene	7.048	146	183070	23.303	ng	98
14) 1,2-Dichlorobenzene	7.201	146	173863	23.730	ng	98
15) Benzyl Alcohol	7.166	79	98768	15.281	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	133936	16.848	ng	100
17) 2-Methylphenol	7.272	107	135848	20.855	ng	99
18) Hexachloroethane	7.548	117	66540	22.577	ng	97
19) n-Nitroso-di-n-propyla...	7.436	70	97334	19.345	ng	96
20) 3+4-Methylphenols	7.425	107	179799	21.626	ng	95
22) Acetophenone	7.436	105	224174	19.049	ng	99
24) Nitrobenzene	7.613	77	165665	18.033	ng	99
25) Isophorone	7.848	82	319996	18.748	ng	98
26) 2-Nitrophenol	7.931	139	102070	22.810	ng	94
27) 2,4-Dimethylphenol	7.960	122	169242	21.607	ng	97
28) bis(2-Chloroethoxy)met...	8.054	93	220698	21.042	ng	98
29) 2,4-Dichlorophenol	8.172	162	161871	23.277	ng	96
30) 1,2,4-Trichlorobenzene	8.260	180	177615	23.851	ng	98
31) Naphthalene	8.342	128	564977	22.937	ng	99
32) Benzoic acid	8.031	122	65111	11.230	ng	95
33) 4-Chloroaniline	8.383	127	213868	19.580	ng	99
34) Hexachlorobutadiene	8.454	225	107050	25.571	ng	98
35) Caprolactam	8.736	113	46774m	19.730	ng	
36) 4-Chloro-3-methylphenol	8.860	107	164892	22.010	ng	95
37) 2-Methylnaphthalene	9.031	142	389438	23.341	ng	99
38) 1-Methylnaphthalene	9.136	142	366743	23.653	ng	100
40) 1,2,4,5-Tetrachloroben...	9.195	216	174358	24.566	ng	100
41) Hexachlorocyclopentadiene	9.183	237	103123	24.903	ng	100
43) 2,4,6-Trichlorophenol	9.307	196	118001	23.258	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	138336	23.689	ng	94
46) 1,1'-Biphenyl	9.495	154	458690	23.590	ng	98
47) 2-Chloronaphthalene	9.525	162	348412	23.526	ng	98
48) 2-Nitroaniline	9.619	65	80355	18.244	ng	92
49) Acenaphthylene	9.942	152	551425	22.814	ng	100
50) Dimethylphthalate	9.789	163	410977	23.295	ng	100
51) 2,6-Dinitrotoluene	9.860	165	91924	23.330	ng	89
52) Acenaphthene	10.119	154	354308	23.414	ng	99
53) 3-Nitroaniline	10.030	138	100967	21.130	ng	99
54) 2,4-Dinitrophenol	10.130	184	44915	22.101	ng	92
55) Dibenzofuran	10.289	168	495109	23.287	ng	96
56) 4-Nitrophenol	10.177	139	75516	21.002	ng	99
57) 2,4-Dinitrotoluene	10.260	165	120598	23.562	ng	99
58) Fluorene	10.636	166	385755	23.575	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.401	232	101463	23.833	ng	99
60) Diethylphthalate	10.495	149	421655	24.025	ng	98
61) 4-Chlorophenyl-phenyle...	10.625	204	193016	24.856	ng	95
62) 4-Nitroaniline	10.642	138	96890	21.145	ng	95
63) Azobenzene	10.783	77	332350	19.441	ng	98
65) 4,6-Dinitro-2-methylph...	10.672	198	62118	23.027	ng	99
66) n-Nitrosodiphenylamine	10.736	169	335927	22.571	ng	98
67) 4-Bromophenyl-phenylether	11.119	248	119791	24.612	ng	97
68) Hexachlorobenzene	11.183	284	131400	25.259	ng	93
69) Atrazine	11.260	200	94846	22.155	ng	97
70) Pentachlorophenol	11.377	266	79277	22.179	ng	99
71) Phenanthrene	11.607	178	569339	22.923	ng	99
72) Anthracene	11.654	178	583107	23.069	ng	100
73) Carbazole	11.807	167	492991	21.752	ng	99
74) Di-n-butylphthalate	12.130	149	593164	22.137	ng	99
75) Fluoranthene	12.801	202	409550	16.158	ng	98
77) Benzidine	12.924	184	91224	7.851	ng	98
78) Pyrene	13.036	202	508308	19.015	ng	99
80) Butylbenzylphthalate	13.642	149	184289	15.604	ng	99
81) Benzo(a)anthracene	14.230	228	512184	22.034	ng	100
82) 3,3'-Dichlorobenzidine	14.189	252	149202	20.152	ng	99
83) Chrysene	14.265	228	499606	22.953	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	352359	22.072	ng	99
85) Di-n-octyl phthalate	14.830	149	572558	21.989	ng	100
87) Indeno(1,2,3-cd)pyrene	17.418	276	484608	20.531	ng	99
88) Benzo(b)fluoranthene	15.336	252	495237	21.933	ng	98
89) Benzo(k)fluoranthene	15.365	252	504758	23.419	ng	100
90) Benzo(a)pyrene	15.736	252	463801	22.058	ng	99
91) Dibenzo(a,h)anthracene	17.436	278	412071	21.714	ng	98
92) Benzo(g,h,i)perylene	17.912	276	395150	20.155	ng	99

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

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