

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052323\
 Data File : BF133454.D
 Acq On : 23 May 2023 13:08
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 24 02:31:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:24:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	136205	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	495137	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	223613	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	400128	20.000	ng	0.00
76) Chrysene-d12	14.010	240	289536	20.000	ng	0.00
86) Perylene-d12	15.468	264	323739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	367960	44.160	ng	0.00
7) Phenol-d6	6.457	99	431792	43.107	ng	0.00
23) Nitrobenzene-d5	7.404	82	291649	40.723	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	88023	42.613	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	701585	44.142	ng	0.00
79) Terphenyl-d14	12.951	244	648832	42.845	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	79987	21.206	ng	99
3) Pyridine	3.305	79	210020	21.148	ng	96
4) n-Nitrosodimethylamine	3.246	42	118623	20.925	ng	97
6) Aniline	6.504	93	290315m	21.207	ng	
8) 2-Chlorophenol	6.622	128	178791	21.632	ng	97
9) Benzaldehyde	6.393	77	126940	22.444	ng	94
10) Phenol	6.469	94	221327	21.608	ng	97
11) bis(2-Chloroethyl)ether	6.575	93	181269	21.682	ng	99
12) 1,3-Dichlorobenzene	6.781	146	193687	21.470	ng	98
13) 1,4-Dichlorobenzene	6.857	146	197112	21.821	ng	99
14) 1,2-Dichlorobenzene	7.010	146	185924	22.288	ng	97
15) Benzyl Alcohol	6.981	79	161854	21.353	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	335332	21.197	ng	98
17) 2-Methylphenol	7.087	107	161154	21.383	ng	98
18) Hexachloroethane	7.357	117	66595	21.635	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	126086	20.113	ng	99
20) 3+4-Methylphenols	7.240	107	202140	22.159	ng	93
22) Acetophenone	7.251	105	251399	21.637	ng	99
24) Nitrobenzene	7.422	77	166986	21.092	ng	98
25) Isophorone	7.663	82	343530	20.385	ng	96
26) 2-Nitrophenol	7.740	139	42663	17.931	ng	93
27) 2,4-Dimethylphenol	7.775	122	153417	21.300	ng	94
28) bis(2-Chloroethoxy)met...	7.875	93	208440	20.936	ng	99
29) 2,4-Dichlorophenol	7.975	162	141076	21.601	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	153027	21.546	ng	97
31) Naphthalene	8.151	128	523857	21.539	ng	99
32) Benzoic acid	7.851	122	45548m	19.649	ng	
33) 4-Chloroaniline	8.192	127	214787	21.079	ng	97
34) Hexachlorobutadiene	8.269	225	92120	21.341	ng	98
35) Caprolactam	8.545	113	40039	20.184	ng	# 89
36) 4-Chloro-3-methylphenol	8.663	107	146773	20.768	ng	97
37) 2-Methylnaphthalene	8.839	142	348756	21.390	ng	100
38) 1-Methylnaphthalene	8.939	142	323212	21.274	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	148245	21.813	ng	99
41) Hexachlorocyclopentadiene	8.992	237	66239	20.436	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	90045	21.576	ng	98

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44) 2,4,5-Trichlorophenol	9.145	196	103083	21.356	ng	95
46) 1,1'-Biphenyl	9.304	154	408344	21.772	ng	99
47) 2-Chloronaphthalene	9.328	162	291513	21.667	ng	97
48) 2-Nitroaniline	9.416	65	59332	18.770	ng	92
49) Acenaphthylene	9.739	152	492902	21.566	ng	100
50) Dimethylphthalate	9.598	163	324277	21.241	ng	99
51) 2,6-Dinitrotoluene	9.657	165	46971	19.185	ng	95
52) Acenaphthene	9.916	154	290342	21.157	ng	99
53) 3-Nitroaniline	9.828	138	60479	19.181	ng	# 90
54) 2,4-Dinitrophenol	9.928	184	10282	19.539	ng	# 77
55) Dibenzofuran	10.086	168	441772	21.568	ng	96
56) 4-Nitrophenol	9.969	139	44587	19.574	ng	98
57) 2,4-Dinitrotoluene	10.057	165	51135	18.455	ng	96
58) Fluorene	10.428	166	319368	21.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	76361	21.321	ng	99
60) Diethylphthalate	10.304	149	322903	20.863	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	154670	22.120	ng	96
62) 4-Nitroaniline	10.433	138	57834	19.052	ng	94
63) Azobenzene	10.581	77	332971	20.800	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	14648	19.096	ng	96
66) n-Nitrosodiphenylamine	10.539	169	285333	21.627	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	90333	21.527	ng	92
68) Hexachlorobenzene	10.969	284	94794	21.528	ng	# 89
69) Atrazine	11.063	200	72791	21.558	ng	98
70) Pentachlorophenol	11.163	266	52434	20.981	ng	97
71) Phenanthrene	11.392	178	453479	21.888	ng	99
72) Anthracene	11.439	178	454924	21.524	ng	99
73) Carbazole	11.592	167	429583	21.454	ng	100
74) Di-n-butylphthalate	11.933	149	467512	21.761	ng	99
75) Fluoranthene	12.575	202	478748	21.461	ng	99
77) Benzidine	12.704	184	143029	20.731	ng	98
78) Pyrene	12.810	202	491360	20.820	ng	99
80) Butylbenzylphthalate	13.433	149	158639	19.993	ng	94
81) Benzo(a)anthracene	13.998	228	428275	21.790	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	125398	22.482	ng	98
83) Chrysene	14.033	228	423678	21.229	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	233090	21.883	ng	98
85) Di-n-octyl phthalate	14.616	149	388233	20.035	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	449424	20.496	ng	99
88) Benzo(b)fluoranthene	15.039	252	432352	21.488	ng	99
89) Benzo(k)fluoranthene	15.068	252	401524	20.535	ng	99
90) Benzo(a)pyrene	15.404	252	397042	20.944	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	370129	20.725	ng	98
92) Benzo(g,h,i)perylene	17.357	276	364489	20.204	ng	99

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

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