

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132154.D
 Acq On : 20 Jan 2023 09:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 02:19:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	180888	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	615447	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	329961	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	657000	20.000	ng	0.00
76) Chrysene-d12	14.307	240	367184	20.000	ng	0.00
86) Perylene-d12	15.901	264	327174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	805991	77.837	ng	0.00
7) Phenol-d6	6.701	99	1024819	78.621	ng	0.00
23) Nitrobenzene-d5	7.654	82	935871	80.781	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	303900	86.225	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1593686	70.576	ng	0.00
79) Terphenyl-d14	13.236	244	1741032	79.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	213113	40.624	ng	99
3) Pyridine	3.778	79	573186	40.701	ng	99
4) n-Nitrosodimethylamine	3.743	42	264251	39.898	ng	94
6) Aniline	6.754	93	708244	39.228	ng	99
8) 2-Chlorophenol	6.878	128	425221	39.067	ng	93
9) Benzaldehyde	6.643	77	331602	39.543	ng	99
10) Phenol	6.719	94	530398	39.086	ng	95
11) bis(2-Chloroethyl)ether	6.819	93	445070	38.744	ng	99
12) 1,3-Dichlorobenzene	7.037	146	466826	38.368	ng	95
13) 1,4-Dichlorobenzene	7.107	146	472941	38.955	ng	99
14) 1,2-Dichlorobenzene	7.266	146	431141	38.406	ng	100
15) Benzyl Alcohol	7.225	79	399151m	40.034	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	644577	38.607	ng	99
17) 2-Methylphenol	7.325	107	375618	39.391	ng	98
18) Hexachloroethane	7.607	117	172733	39.635	ng	98
19) n-Nitroso-di-n-propyla...	7.501	70	304475	38.134	ng	96
20) 3+4-Methylphenols	7.484	107	483263	40.220	ng	98
22) Acetophenone	7.501	105	558771	37.774	ng	98
24) Nitrobenzene	7.678	77	495852	40.423	ng	95
25) Isophorone	7.913	82	890991	39.306	ng	97
26) 2-Nitrophenol	7.990	139	191390	41.537	ng	98
27) 2,4-Dimethylphenol	8.013	122	385284	39.280	ng	98
28) bis(2-Chloroethoxy)met...	8.119	93	522328	38.405	ng	100
29) 2,4-Dichlorophenol	8.225	162	376786	40.462	ng	99
30) 1,2,4-Trichlorobenzene	8.319	180	412571	39.007	ng	98
31) Naphthalene	8.401	128	1218947	38.565	ng	100
32) Benzoic acid	8.107	122	245989m	39.268	ng	
33) 4-Chloroaniline	8.443	127	540860	39.986	ng	100
34) Hexachlorobutadiene	8.513	225	281562	39.627	ng	98
35) Caprolactam	8.819	113	116342	44.057	ng	99
36) 4-Chloro-3-methylphenol	8.913	107	381145	40.672	ng	100
37) 2-Methylnaphthalene	9.095	142	839742	38.588	ng	99
38) 1-Methylnaphthalene	9.195	142	783442	38.691	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	435353	37.921	ng	99
41) Hexachlorocyclopentadiene	9.248	237	246315	39.317	ng	100
43) 2,4,6-Trichlorophenol	9.366	196	290219	40.733	ng	99

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44) 2,4,5-Trichlorophenol	9.401	196	342530	41.106	ng	98
46) 1,1'-Biphenyl	9.560	154	993661	38.171	ng	99
47) 2-Chloronaphthalene	9.589	162	761243	37.829	ng	98
48) 2-Nitroaniline	9.678	65	254724	40.027	ng	99
49) Acenaphthylene	10.007	152	1238097	38.460	ng	99
50) Dimethylphthalate	9.854	163	950118	39.758	ng	99
51) 2,6-Dinitrotoluene	9.919	165	199174	43.000	ng	95
52) Acenaphthene	10.178	154	740579	38.246	ng	99
53) 3-Nitroaniline	10.089	138	219244	44.271	ng	97
54) 2,4-Dinitrophenol	10.189	184	81088	40.718	ng	87
55) Dibenzofuran	10.354	168	1150646	38.452	ng	97
56) 4-Nitrophenol	10.231	139	159823	44.343	ng	94
57) 2,4-Dinitrotoluene	10.325	165	254447	45.764	ng	86
58) Fluorene	10.695	166	856512	38.629	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.460	232	269606	42.533	ng	99
60) Diethylphthalate	10.560	149	961518	41.029	ng	100
61) 4-Chlorophenyl-phenyle...	10.684	204	465658	39.219	ng	99
62) 4-Nitroaniline	10.707	138	202646	43.952	ng	98
63) Azobenzene	10.848	77	926475	39.391	ng	99
65) 4,6-Dinitro-2-methylph...	10.731	198	121794	39.420	ng	96
66) n-Nitrosodiphenylamine	10.801	169	775149	36.840	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	301780	37.684	ng	99
68) Hexachlorobenzene	11.248	284	306933	38.565	ng	98
69) Atrazine	11.325	200	267940	41.273	ng	100
70) Pentachlorophenol	11.436	266	223594	43.718	ng	97
71) Phenanthrene	11.672	178	1302990	37.792	ng	99
72) Anthracene	11.719	178	1316280	37.737	ng	99
73) Carbazole	11.872	167	1158266	38.875	ng	99
74) Di-n-butylphthalate	12.195	149	1376541	41.502	ng	99
75) Fluoranthene	12.866	202	1393708	39.352	ng	99
77) Benzidine	12.983	184	510287	46.287	ng	100
78) Pyrene	13.101	202	1409352	41.648	ng	99
80) Butylbenzylphthalate	13.707	149	470480	43.001	ng	98
81) Benzo(a)anthracene	14.295	228	1039351	39.622	ng	100
82) 3,3'-Dichlorobenzidine	14.254	252	309970	42.430	ng	96
83) Chrysene	14.330	228	975567	39.071	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	599838	41.159	ng	99
85) Di-n-octyl phthalate	14.907	149	778411	38.375	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1029366	39.918	ng	99
88) Benzo(b)fluoranthene	15.419	252	826809	41.506	ng	99
89) Benzo(k)fluoranthene	15.454	252	808855	39.813	ng	99
90) Benzo(a)pyrene	15.830	252	785668	41.000	ng	99
91) Dibenzo(a,h)anthracene	17.589	278	837005	43.228	ng	98
92) Benzo(g,h,i)perylene	18.077	276	884600	40.001	ng	100

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

