

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133023.D
 Acq On : 25 Apr 2023 10:30
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 25 11:30:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	233363	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	911006	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	471020	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	820226	20.000	ng	0.00
76) Chrysene-d12	13.904	240	518540	20.000	ng	0.00
86) Perylene-d12	15.321	264	407381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1165926	75.473	ng	0.00
7) Phenol-d6	6.393	99	1429322	74.543	ng	0.00
23) Nitrobenzene-d5	7.316	82	1272269	75.382	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	377584	79.709	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2123889	75.438	ng	0.00
79) Terphenyl-d14	12.857	244	2286452	76.048	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.410	88	266813	37.236	ng	98
3) Pyridine	3.116	79	740534	38.911	ng	96
4) n-Nitrosodimethylamine	3.069	42	346745	35.175	ng	95
6) Aniline	6.410	93	931825	37.732	ng	# 87
8) 2-Chlorophenol	6.534	128	591480	37.710	ng	98
9) Benzaldehyde	6.293	77	376218	44.051	ng	99
10) Phenol	6.404	94	760188	35.938	ng	79
11) bis(2-Chloroethyl)ether	6.487	93	593461	37.387	ng	100
12) 1,3-Dichlorobenzene	6.687	146	633689	38.000	ng	100
13) 1,4-Dichlorobenzene	6.763	146	634675	37.975	ng	99
14) 1,2-Dichlorobenzene	6.922	146	581551	37.743	ng	99
15) Benzyl Alcohol	6.893	79	463064	34.961	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.028	45	998042	36.200	ng	96
17) 2-Methylphenol	7.010	107	543085	37.813	ng	98
18) Hexachloroethane	7.263	117	220765	37.994	ng	99
19) n-Nitroso-di-n-propyla...	7.169	70	415849	34.836	ng	98
20) 3+4-Methylphenols	7.163	107	637898	37.714	ng	96
22) Acetophenone	7.163	105	792448	37.551	ng	100
24) Nitrobenzene	7.334	77	645199	37.725	ng	98
25) Isophorone	7.575	82	1204479	37.587	ng	99
26) 2-Nitrophenol	7.651	139	340697	41.301	ng	91
27) 2,4-Dimethylphenol	7.692	122	539222	38.121	ng	98
28) bis(2-Chloroethoxy)met...	7.787	93	716493	37.795	ng	99
29) 2,4-Dichlorophenol	7.892	162	504983	39.217	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	516851	38.744	ng	99
31) Naphthalene	8.057	128	1717758	37.714	ng	100
32) Benzoic acid	7.816	122	401648m	45.970	ng	
33) 4-Chloroaniline	8.104	127	742006	40.320	ng	98
34) Hexachlorobutadiene	8.175	225	286757	38.784	ng	99
35) Caprolactam	8.481	113	177711	41.082	ng	93
36) 4-Chloro-3-methylphenol	8.587	107	550365	39.635	ng	99
37) 2-Methylnaphthalene	8.745	142	1167302	37.486	ng	98
38) 1-Methylnaphthalene	8.845	142	1105688	37.956	ng	100
40) 1,2,4,5-Tetrachloroben...	8.910	216	479152	37.835	ng	99
41) Hexachlorocyclopentadiene	8.898	237	298781	40.453	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	336413	38.411	ng	100

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44) 2,4,5-Trichlorophenol	9.063	196	397323	39.225	ng	98
46) 1,1'-Biphenyl	9.210	154	1388115	37.165	ng	99
47) 2-Chloronaphthalene	9.234	162	1034359	37.837	ng	99
48) 2-Nitroaniline	9.328	65	345078	38.194	ng	96
49) Acenaphthylene	9.645	152	1650958	37.796	ng	100
50) Dimethylphthalate	9.510	163	1254343	38.192	ng	100
51) 2,6-Dinitrotoluene	9.569	165	291504	39.434	ng	98
52) Acenaphthene	9.822	154	1112086	38.013	ng	99
53) 3-Nitroaniline	9.739	138	346912	39.469	ng	98
54) 2,4-Dinitrophenol	9.839	184	163720	44.062	ng	95
55) Dibenzofuran	9.992	168	1502256	37.643	ng	99
56) 4-Nitrophenol	9.898	139	273825	40.223	ng	92
57) 2,4-Dinitrotoluene	9.975	165	378895	40.192	ng	# 87
58) Fluorene	10.333	166	1084012	37.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	311646	39.686	ng	97
60) Diethylphthalate	10.210	149	1192608	38.443	ng	99
61) 4-Chlorophenyl-phenyle...	10.328	204	527659	37.033	ng	99
62) 4-Nitroaniline	10.357	138	347904	43.066	ng	94
63) Azobenzene	10.486	77	1218800	37.087	ng	99
65) 4,6-Dinitro-2-methylph...	10.381	198	221888	44.631	ng	86
66) n-Nitrosodiphenylamine	10.445	169	1016475	38.205	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	347439	39.056	ng	98
68) Hexachlorobenzene	10.881	284	350969	38.503	ng	98
69) Atrazine	10.975	200	304549	39.725	ng	97
70) Pentachlorophenol	11.075	266	263657	40.613	ng	99
71) Phenanthrene	11.292	178	1639626	37.193	ng	99
72) Anthracene	11.345	178	1716733	38.052	ng	100
73) Carbazole	11.498	167	1516546	37.751	ng	99
74) Di-n-butylphthalate	11.833	149	1810782	39.831	ng	99
75) Fluoranthene	12.475	202	1681306	38.001	ng	100
77) Benzidine	12.598	184	489240m	55.793	ng	
78) Pyrene	12.704	202	1727526	38.864	ng	99
80) Butylbenzylphthalate	13.327	149	721405	45.836	ng	94
81) Benzo(a)anthracene	13.892	228	1334441	37.423	ng	100
82) 3,3'-Dichlorobenzidine	13.857	252	427921	43.441	ng	99
83) Chrysene	13.933	228	1326659	37.214	ng	100
84) Bis(2-ethylhexyl)phtha...	13.892	149	757611	38.350	ng	99
85) Di-n-octyl phthalate	14.504	149	1153972	35.824	ng	98
87) Indeno(1,2,3-cd)pyrene	16.710	276	1047208	45.192	ng	100
88) Benzo(b)fluoranthene	14.916	252	1031013	39.781	ng	98
89) Benzo(k)fluoranthene	14.945	252	945470	36.801	ng	98
90) Benzo(a)pyrene	15.268	252	894702	37.927	ng	99
91) Dibenzo(a,h)anthracene	16.727	278	880165	45.540	ng	99
92) Benzo(g,h,i)perylene	17.133	276	894003	46.854	ng	99

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

