

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020623\
 Data File : BF132335.D
 Acq On : 06 Feb 2023 13:17
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2023
 Supervised By : Jagrut Upadhyay 02/07/2023

Quant Time: Feb 07 04:06:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	180125	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	656009	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	342732	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	643406	20.000	ng	0.00
76) Chrysene-d12	14.266	240	416792	20.000	ng	0.00
86) Perylene-d12	15.836	264	352399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	839173	74.886	ng	0.00
7) Phenol-d6	6.672	99	1003569	72.641	ng	0.00
23) Nitrobenzene-d5	7.619	82	852107	72.282	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	319795	90.734	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1610893	72.582	ng	0.00
79) Terphenyl-d14	13.195	244	1843162	85.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.937	88	206800	39.220	ng	95
3) Pyridine	3.713	79	514784	35.987	ng	96
4) n-Nitrosodimethylamine	3.672	42	154021	33.650	ng	94
6) Aniline	6.719	93	670738m	35.778	ng	
8) 2-Chlorophenol	6.837	128	453228	39.051	ng	96
9) Benzaldehyde	6.607	77	265615	32.241	ng	95
10) Phenol	6.684	94	517289	36.175	ng	96
11) bis(2-Chloroethyl)ether	6.784	93	435283	36.987	ng	96
12) 1,3-Dichlorobenzene	6.995	146	484920	39.504	ng	98
13) 1,4-Dichlorobenzene	7.072	146	482405	39.370	ng	99
14) 1,2-Dichlorobenzene	7.225	146	451792	39.537	ng	98
15) Benzyl Alcohol	7.190	79	362360	35.946	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.325	45	401191	32.356	ng	93
17) 2-Methylphenol	7.290	107	385368	37.932	ng	99
18) Hexachloroethane	7.572	117	179462	39.042	ng	95
19) n-Nitroso-di-n-propyla...	7.460	70	259189	33.029	ng	98
20) 3+4-Methylphenols	7.448	107	488160	37.646	ng	96
22) Acetophenone	7.460	105	581328	37.681	ng	99
24) Nitrobenzene	7.637	77	431408	35.821	ng	97
25) Isophorone	7.872	82	811893	36.286	ng	98
26) 2-Nitrophenol	7.954	139	242281	41.300	ng	# 88
27) 2,4-Dimethylphenol	7.978	122	406432	39.582	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	514566	37.423	ng	99
29) 2,4-Dichlorophenol	8.190	162	372752	40.889	ng	99
30) 1,2,4-Trichlorobenzene	8.278	180	400721	41.048	ng	97
31) Naphthalene	8.366	128	1260517	39.036	ng	100
32) Benzoic acid	8.084	122	306453m	40.320	ng	
33) 4-Chloroaniline	8.407	127	567216	39.613	ng	98
34) Hexachlorobutadiene	8.478	225	237292	43.238	ng	99
35) Caprolactam	8.784	113	124645	40.106	ng	87
36) 4-Chloro-3-methylphenol	8.878	107	387404	39.446	ng	96
37) 2-Methylnaphthalene	9.054	142	876629	40.079	ng	100
38) 1-Methylnaphthalene	9.154	142	820477	40.365	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	388080	40.237	ng	99
41) Hexachlorocyclopentadiene	9.207	237	221562	39.374	ng	99
43) 2,4,6-Trichlorophenol	9.331	196	277229	40.211	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	323308	40.742	ng	99
46) 1,1'-Biphenyl	9.519	154	1025033	38.794	ng	98
47) 2-Chloronaphthalene	9.548	162	783071	38.911	ng	99
48) 2-Nitroaniline	9.642	65	206394	34.484	ng	# 75
49) Acenaphthylene	9.966	152	1271573	38.714	ng	99
50) Dimethylphthalate	9.819	163	953821	39.785	ng	98
51) 2,6-Dinitrotoluene	9.883	165	220750	41.228	ng	# 78
52) Acenaphthene	10.142	154	799055	38.859	ng	99
53) 3-Nitroaniline	10.054	138	254965	39.266	ng	97
54) 2,4-Dinitrophenol	10.154	184	112139	38.503	ng	95
55) Dibenzofuran	10.313	168	1123501	38.887	ng	99
56) 4-Nitrophenol	10.195	139	193725	39.647	ng	97
57) 2,4-Dinitrotoluene	10.283	165	294539	42.347	ng	94
58) Fluorene	10.660	166	870786	39.162	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.425	232	244661	42.292	ng	97
60) Diethylphthalate	10.519	149	989249	41.478	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	433874	41.116	ng	96
62) 4-Nitroaniline	10.672	138	241022	38.708	ng	98
63) Azobenzene	10.807	77	819689	35.284	ng	95
65) 4,6-Dinitro-2-methylph...	10.695	198	156754	42.926	ng	99
66) n-Nitrosodiphenylamine	10.766	169	779262	38.678	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	279471	42.418	ng	95
68) Hexachlorobenzene	11.207	284	298571	42.399	ng	94
69) Atrazine	11.289	200	255445	44.080	ng	99
70) Pentachlorophenol	11.401	266	208850	43.164	ng	99
71) Phenanthrene	11.630	178	1293141	38.462	ng	99
72) Anthracene	11.678	178	1335236	39.023	ng	100
73) Carbazole	11.830	167	1181391	38.507	ng	100
74) Di-n-butylphthalate	12.154	149	1524453	42.030	ng	99
75) Fluoranthene	12.824	202	1360334	39.648	ng	99
77) Benzidine	12.942	184	500541	34.351	ng	99
78) Pyrene	13.060	202	1378276	41.114	ng	100
80) Butylbenzylphthalate	13.666	149	649725	43.868	ng	97
81) Benzo(a)anthracene	14.254	228	1158241	39.732	ng	98
82) 3,3'-Dichlorobenzidine	14.213	252	351585	37.867	ng	# 98
83) Chrysene	14.295	228	1080891	39.598	ng	100
84) Bis(2-ethylhexyl)phtha...	14.224	149	874202	43.668	ng	# 99
85) Di-n-octyl phthalate	14.854	149	1287268	39.423	ng	96
87) Indeno(1,2,3-cd)pyrene	17.477	276	977529	41.747	ng	97
88) Benzo(b)fluoranthene	15.366	252	924205	41.259	ng	99
89) Benzo(k)fluoranthene	15.401	252	888460	41.553	ng	99
90) Benzo(a)pyrene	15.771	252	839591	40.251	ng	99
91) Dibenzo(a,h)anthracene	17.501	278	799497	42.468	ng	98
92) Benzo(g,h,i)perylene	17.977	276	811667	41.733	ng	98

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

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