

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133255.D
 Acq On : 05 May 2023 09:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 05:45:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	206730	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	803360	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	419271	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	733502	20.000	ng	0.00
76) Chrysene-d12	13.880	240	461962	20.000	ng	0.00
86) Perylene-d12	15.292	264	394230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1037236	75.793	ng	0.00
7) Phenol-d6	6.369	99	1292497	76.091	ng	0.00
23) Nitrobenzene-d5	7.298	82	1147592	77.105	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	315867	74.911	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1857704	74.127	ng	0.00
79) Terphenyl-d14	12.833	244	1967029	73.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.369	88	235984	37.176	ng	98
3) Pyridine	3.063	79	646509	38.347	ng	96
4) n-Nitrosodimethylamine	3.034	42	316811	36.279	ng	96
6) Aniline	6.392	93	843975	38.577	ng	97
8) 2-Chlorophenol	6.516	128	535473	38.537	ng	93
9) Benzaldehyde	6.275	77	312299	39.774	ng	99
10) Phenol	6.387	94	698680	37.285	ng	76
11) bis(2-Chloroethyl)ether	6.469	93	527911	37.542	ng	97
12) 1,3-Dichlorobenzene	6.669	146	564766	38.230	ng	99
13) 1,4-Dichlorobenzene	6.745	146	561709	37.939	ng	99
14) 1,2-Dichlorobenzene	6.898	146	532488	39.011	ng	96
15) Benzyl Alcohol	6.875	79	443495	37.798	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	848516	34.742	ng	97
17) 2-Methylphenol	6.992	107	477165	37.503	ng	99
18) Hexachloroethane	7.239	117	196495	38.173	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	358237	33.876	ng	97
20) 3+4-Methylphenols	7.145	107	558606	37.281	ng	99
22) Acetophenone	7.145	105	699071	37.565	ng	# 99
24) Nitrobenzene	7.316	77	582004	38.590	ng	98
25) Isophorone	7.551	82	1070446	37.881	ng	98
26) 2-Nitrophenol	7.628	139	304656	41.881	ng	99
27) 2,4-Dimethylphenol	7.675	122	484180	38.817	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	625374	37.409	ng	98
29) 2,4-Dichlorophenol	7.875	162	447630	39.421	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	461399	39.222	ng	100
31) Naphthalene	8.034	128	1561229	38.870	ng	99
32) Benzoic acid	7.798	122	320587m	41.609	ng	
33) 4-Chloroaniline	8.086	127	672959	41.468	ng	100
34) Hexachlorobutadiene	8.157	225	256245	39.301	ng	98
35) Caprolactam	8.463	113	158720	41.608	ng	93
36) 4-Chloro-3-methylphenol	8.569	107	482063	39.368	ng	100
37) 2-Methylnaphthalene	8.728	142	1044326	38.031	ng	97
38) 1-Methylnaphthalene	8.822	142	987525	38.442	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	419339	37.198	ng	99
41) Hexachlorocyclopentadiene	8.881	237	222498	33.843	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	298698	38.314	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	343341	38.080	ng	98
46) 1,1'-Biphenyl	9.192	154	1231689	37.047	ng	99
47) 2-Chloronaphthalene	9.216	162	927898	38.132	ng	98
48) 2-Nitroaniline	9.310	65	314915	39.157	ng	98
49) Acenaphthylene	9.628	152	1493367	38.407	ng	99
50) Dimethylphthalate	9.492	163	1132607	38.741	ng	99
51) 2,6-Dinitrotoluene	9.551	165	265676	40.376	ng	99
52) Acenaphthene	9.798	154	989950m	38.014	ng	
53) 3-Nitroaniline	9.722	138	313841	40.114	ng	99
54) 2,4-Dinitrophenol	9.828	184	129793	39.243	ng	98
55) Dibenzofuran	9.969	168	1346405	37.902	ng	98
56) 4-Nitrophenol	9.886	139	224048	36.974	ng	98
57) 2,4-Dinitrotoluene	9.957	165	339737	40.486	ng	92
58) Fluorene	10.316	166	982018	37.733	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	262539	37.559	ng	99
60) Diethylphthalate	10.192	149	1067780	38.668	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	471167	37.150	ng	96
62) 4-Nitroaniline	10.333	138	309905	43.097	ng	97
63) Azobenzene	10.469	77	1082552	37.007	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	191147	42.994	ng	76
66) n-Nitrosodiphenylamine	10.428	169	911384	38.305	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	302870	38.072	ng	94
68) Hexachlorobenzene	10.863	284	306193	37.562	ng	99
69) Atrazine	10.957	200	281252	41.024	ng	98
70) Pentachlorophenol	11.057	266	212070	36.529	ng	98
71) Phenanthrene	11.269	178	1507407	38.236	ng	99
72) Anthracene	11.322	178	1555362	38.551	ng	99
73) Carbazole	11.480	167	1376333	38.311	ng	99
74) Di-n-butylphthalate	11.810	149	1644872	40.459	ng	100
75) Fluoranthene	12.457	202	1507527	38.102	ng	98
77) Benzidine	12.574	184	360583	46.157	ng	95
78) Pyrene	12.686	202	1545092	39.017	ng	99
80) Butylbenzylphthalate	13.304	149	670493	47.819	ng	95
81) Benzo(a)anthracene	13.868	228	1173801	36.950	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	372080	42.398	ng	99
83) Chrysene	13.910	228	1189563	37.455	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	748001	42.501	ng	99
85) Di-n-octyl phthalate	14.480	149	1179792	41.112	ng	97
87) Indeno(1,2,3-cd)pyrene	16.674	276	956304	42.645	ng	98
88) Benzo(b)fluoranthene	14.892	252	935506	37.300	ng	99
89) Benzo(k)fluoranthene	14.921	252	966189	38.862	ng	99
90) Benzo(a)pyrene	15.239	252	879310	38.518	ng	100
91) Dibenzo(a,h)anthracene	16.692	278	796512	42.587	ng	99
92) Benzo(g,h,i)perylene	17.092	276	801009	43.380	ng	97

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

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