

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133535.D
 Acq On : 31 May 2023 11:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

Quant Time: May 31 12:21:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	145554	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	519518	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	252252	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	484967	20.000	ng	0.00
76) Chrysene-d12	14.004	240	343711	20.000	ng	0.00
86) Perylene-d12	15.457	264	305315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	695021	79.669	ng	0.00
7) Phenol-d6	6.463	99	847343	78.902	ng	0.00
23) Nitrobenzene-d5	7.398	82	769907	98.949	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	222878	88.638	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1283640	78.541	ng	0.00
79) Terphenyl-d14	12.951	244	1416988	73.299	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	163098	41.396	ng	99
3) Pyridine	3.310	79	443118	40.112	ng	97
4) n-Nitrosodimethylamine	3.269	42	241040	40.008	ng	92
6) Aniline	6.498	93	576881	39.563	ng	99
8) 2-Chlorophenol	6.616	128	353463	41.120	ng	99
9) Benzaldehyde	6.381	77	214793	40.299	ng	96
10) Phenol	6.475	94	444139	41.226	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	339248	38.087	ng	99
12) 1,3-Dichlorobenzene	6.775	146	369154	38.683	ng	99
13) 1,4-Dichlorobenzene	6.851	146	370152	38.688	ng	99
14) 1,2-Dichlorobenzene	7.004	146	341268	38.653	ng	100
15) Benzyl Alcohol	6.975	79	325839	39.965	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	620521	36.731	ng	99
17) 2-Methylphenol	7.081	107	316208	38.845	ng	100
18) Hexachloroethane	7.345	117	133893	40.472	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	250750	36.088	ng	99
20) 3+4-Methylphenols	7.239	107	382316	41.542	ng	94
22) Acetophenone	7.245	105	460165	38.463	ng	95
24) Nitrobenzene	7.422	77	393771	47.496	ng	94
25) Isophorone	7.657	82	691387	38.127	ng	99
26) 2-Nitrophenol	7.734	139	181228	47.733	ng	98
27) 2,4-Dimethylphenol	7.769	122	301011	39.013	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	394582	37.525	ng	98
29) 2,4-Dichlorophenol	7.969	162	288383	41.543	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	295144	39.308	ng	99
31) Naphthalene	8.139	128	993219	39.434	ng	99
32) Benzoic acid	7.881	122	225322m	44.895	ng	
33) 4-Chloroaniline	8.186	127	430568	39.886	ng	99
34) Hexachlorobutadiene	8.257	225	176197	38.578	ng	98
35) Caprolactam	8.563	113	98206	43.137	ng	95
36) 4-Chloro-3-methylphenol	8.663	107	314378	40.429	ng	99
37) 2-Methylnaphthalene	8.828	142	665644	38.707	ng	98
38) 1-Methylnaphthalene	8.928	142	626856	39.104	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	285318	38.162	ng	99
41) Hexachlorocyclopentadiene	8.981	237	153914	40.172	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	196422	41.058	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	235126	42.343	ng	98
46) 1,1'-Biphenyl	9.292	154	784071	38.258	ng	99
47) 2-Chloronaphthalene	9.322	162	575854	38.770	ng	98
48) 2-Nitroaniline	9.416	65	214771	45.284	ng	95
49) Acenaphthylene	9.733	152	993194	39.184	ng	99
50) Dimethylphthalate	9.598	163	687778	38.794	ng	99
51) 2,6-Dinitrotoluene	9.657	165	154240	45.929	ng	89
52) Acenaphthene	9.904	154	619266	40.332	ng	99
53) 3-Nitroaniline	9.828	138	193189	45.866	ng	# 92
54) 2,4-Dinitrophenol	9.928	184	77841	53.777	ng	94
55) Dibenzofuran	10.080	168	886607	38.813	ng	98
56) 4-Nitrophenol	9.975	139	148882	49.083	ng	98
57) 2,4-Dinitrotoluene	10.057	165	200982	48.035	ng	93
58) Fluorene	10.422	166	641794	38.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	182641	43.673	ng	99
60) Diethylphthalate	10.298	149	702632	38.177	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	305043	37.959	ng	97
62) 4-Nitroaniline	10.439	138	196152	46.183	ng	97
63) Azobenzene	10.575	77	699898	37.990	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	101025	50.407	ng	90
66) n-Nitrosodiphenylamine	10.533	169	609484	38.711	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	195178	37.896	ng	97
68) Hexachlorobenzene	10.963	284	209522	38.902	ng	96
69) Atrazine	11.063	200	171715	39.749	ng	97
70) Pentachlorophenol	11.157	266	150732	46.805	ng	98
71) Phenanthrene	11.386	178	970431	39.508	ng	99
72) Anthracene	11.433	178	997169	39.445	ng	99
73) Carbazole	11.592	167	952710	39.849	ng	99
74) Di-n-butylphthalate	11.927	149	1083348	38.321	ng	99
75) Fluoranthene	12.574	202	1091746	40.238	ng	99
77) Benzidine	12.692	184	312834	31.119	ng	99
78) Pyrene	12.804	202	1115281	38.131	ng	99
80) Butylbenzylphthalate	13.427	149	467146	40.368	ng	96
81) Benzo(a)anthracene	13.992	228	878131	38.352	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	280441	39.180	ng	97
83) Chrysene	14.027	228	903345	39.081	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	559846	38.703	ng	99
85) Di-n-octyl phthalate	14.598	149	984867	40.872	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	798841	41.076	ng	100
88) Benzo(b)fluoranthene	15.033	252	750041	37.726	ng	100
89) Benzo(k)fluoranthene	15.063	252	759804	39.194	ng	99
90) Benzo(a)pyrene	15.398	252	704020	38.916	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	649700	41.204	ng	99
92) Benzo(g,h,i)perylene	17.351	276	666747	41.935	ng	99

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

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