

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133232.D
 Acq On : 04 May 2023 15:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

05/05/2023

Supervised By :Jagrut
 Upadhyay

05/05/2023

Quant Time: May 04 16:53:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	191150	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	755579	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	384725	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	707053	20.000	ng	0.00
76) Chrysene-d12	13.880	240	445522	20.000	ng	0.00
86) Perylene-d12	15.298	264	375696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	989240	78.177	ng	0.00
7) Phenol-d6	6.369	99	1199927	76.399	ng	0.00
23) Nitrobenzene-d5	7.298	82	1082565	77.336	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	297785	76.964	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1801261	78.329	ng	0.00
79) Terphenyl-d14	12.833	244	1976666	76.519	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	227222	38.714	ng	98
3) Pyridine	3.069	79	632954	40.603	ng	98
4) n-Nitrosodimethylamine	3.028	42	304081	37.659	ng	99
6) Aniline	6.393	93	777832	38.451	ng	100
8) 2-Chlorophenol	6.516	128	499821	38.903	ng	93
9) Benzaldehyde	6.275	77	284538	38.882	ng	99
10) Phenol	6.381	94	646782	37.329	ng	89
11) bis(2-Chloroethyl)ether	6.469	93	483906	37.218	ng	99
12) 1,3-Dichlorobenzene	6.669	146	520173	38.081	ng	98
13) 1,4-Dichlorobenzene	6.745	146	520218	38.000	ng	98
14) 1,2-Dichlorobenzene	6.898	146	507997	40.250	ng	96
15) Benzyl Alcohol	6.875	79	422883	38.978	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	806274	35.703	ng	98
17) 2-Methylphenol	6.993	107	455787	38.743	ng	99
18) Hexachloroethane	7.240	117	184977	38.865	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	345341	35.319	ng	94
20) 3+4-Methylphenols	7.145	107	530354	38.280	ng	94
22) Acetophenone	7.140	105	666188	38.062	ng	# 99
24) Nitrobenzene	7.316	77	546936	38.558	ng	100
25) Isophorone	7.551	82	988439	37.190	ng	97
26) 2-Nitrophenol	7.628	139	281733	41.179	ng	97
27) 2,4-Dimethylphenol	7.675	122	452772	38.594	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	589166	37.471	ng	99
29) 2,4-Dichlorophenol	7.875	162	424610	39.758	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	427710	38.657	ng	99
31) Naphthalene	8.034	128	1466016	38.808	ng	100
32) Benzoic acid	7.792	122	293573m	40.512	ng	
33) 4-Chloroaniline	8.087	127	628824	41.199	ng	99
34) Hexachlorobutadiene	8.157	225	236701	38.599	ng	98
35) Caprolactam	8.463	113	149401	41.642	ng	# 87
36) 4-Chloro-3-methylphenol	8.569	107	444472	38.593	ng	99
37) 2-Methylnaphthalene	8.728	142	994941	38.523	ng	98
38) 1-Methylnaphthalene	8.822	142	935227	38.709	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	396405	38.322	ng	99
41) Hexachlorocyclopentadiene	8.881	237	214321	35.526	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	279207	39.030	ng	98

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44) 2,4,5-Trichlorophenol	9.045	196	324713	39.248	ng	98
46) 1,1'-Biphenyl	9.192	154	1167279	38.263	ng	99
47) 2-Chloronaphthalene	9.216	162	871793	39.043	ng	98
48) 2-Nitroaniline	9.310	65	295956	40.104	ng	99
49) Acenaphthylene	9.628	152	1393822	39.066	ng	100
50) Dimethylphthalate	9.492	163	1057419	39.417	ng	100
51) 2,6-Dinitrotoluene	9.551	165	243973	40.407	ng	98
52) Acenaphthene	9.798	154	933789m	39.078	ng	
53) 3-Nitroaniline	9.722	138	295591	41.173	ng	98
54) 2,4-Dinitrophenol	9.828	184	120185	39.601	ng	94
55) Dibenzofuran	9.969	168	1273102	39.057	ng	98
56) 4-Nitrophenol	9.881	139	211775	38.086	ng	87
57) 2,4-Dinitrotoluene	9.957	165	325620	42.288	ng	88
58) Fluorene	10.316	166	933911	39.107	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	248552	38.751	ng	99
60) Diethylphthalate	10.192	149	1008791	39.812	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	446109	38.333	ng	96
62) 4-Nitroaniline	10.334	138	295984	44.857	ng	97
63) Azobenzene	10.469	77	1018753	37.953	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	180898	42.211	ng	82
66) n-Nitrosodiphenylamine	10.428	169	856914	37.363	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	282340	36.819	ng	93
68) Hexachlorobenzene	10.863	284	287470	36.584	ng	100
69) Atrazine	10.957	200	264856	40.078	ng	99
70) Pentachlorophenol	11.051	266	201491	36.005	ng	98
71) Phenanthrene	11.275	178	1432983	37.708	ng	100
72) Anthracene	11.322	178	1485969	38.209	ng	99
73) Carbazole	11.480	167	1336391	38.591	ng	100
74) Di-n-butylphthalate	11.816	149	1553994	39.654	ng	99
75) Fluoranthene	12.457	202	1464733	38.405	ng	98
77) Benzidine	12.575	184	367883m	48.830	ng	
78) Pyrene	12.686	202	1500391	39.286	ng	99
80) Butylbenzylphthalate	13.310	149	622842	46.059	ng	99
81) Benzo(a)anthracene	13.869	228	1134121	37.018	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	350070	41.362	ng	98
83) Chrysene	13.910	228	1136799	37.114	ng	99
84) Bis(2-ethylhexyl)phtha...	13.869	149	654737	38.574	ng	99
85) Di-n-octyl phthalate	14.480	149	1030684	37.241	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	975176	45.632	ng	99
88) Benzo(b)fluoranthene	14.892	252	952420	39.848	ng	99
89) Benzo(k)fluoranthene	14.921	252	855643	36.114	ng	99
90) Benzo(a)pyrene	15.239	252	840514	38.635	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	813417	45.636	ng	98
92) Benzo(g,h,i)perylene	17.092	276	824694	46.866	ng	98

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

