

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133309.D
 Acq On : 09 May 2023 10:04
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

Quant Time: May 10 01:43:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	214901	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	819732	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	422663	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	732030	20.000	ng	0.00
76) Chrysene-d12	13.880	240	418006	20.000	ng	0.00
86) Perylene-d12	15.292	264	358363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1059808	74.497	ng	0.00
7) Phenol-d6	6.369	99	1287520	72.916	ng	0.00
23) Nitrobenzene-d5	7.292	82	1139814	75.053	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	302015	71.051	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1882568	74.516	ng	0.00
79) Terphenyl-d14	12.827	244	1905406	78.616	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	240663	36.472	ng	98
3) Pyridine	3.063	79	651868	37.195	ng	97
4) n-Nitrosodimethylamine	3.034	42	320406	35.296	ng	100
6) Aniline	6.386	93	825043	36.278	ng	# 75
8) 2-Chlorophenol	6.510	128	541854	37.514	ng	95
9) Benzaldehyde	6.269	77	309981	37.062	ng	98
10) Phenol	6.381	94	685073	35.169	ng	77
11) bis(2-Chloroethyl)ether	6.463	93	531533	36.362	ng	98
12) 1,3-Dichlorobenzene	6.663	146	568184	36.999	ng	98
13) 1,4-Dichlorobenzene	6.739	146	579471	37.650	ng	99
14) 1,2-Dichlorobenzene	6.898	146	539780	38.041	ng	99
15) Benzyl Alcohol	6.869	79	441803	36.222	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	835811	32.920	ng	94
17) 2-Methylphenol	6.986	107	483665	36.569	ng	99
18) Hexachloroethane	7.234	117	201479	37.653	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	356496	32.430	ng	95
20) 3+4-Methylphenols	7.145	107	567021	36.404	ng	# 72
22) Acetophenone	7.139	105	713795	37.590	ng	# 97
24) Nitrobenzene	7.310	77	581080	37.759	ng	99
25) Isophorone	7.551	82	1052945	36.517	ng	100
26) 2-Nitrophenol	7.628	139	305654	41.179	ng	92
27) 2,4-Dimethylphenol	7.669	122	485241	38.125	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	627103	36.763	ng	98
29) 2,4-Dichlorophenol	7.869	162	451292	38.949	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	463913	38.648	ng	99
31) Naphthalene	8.033	128	1562089	38.115	ng	100
32) Benzoic acid	7.798	122	300095m	38.171	ng	
33) 4-Chloroaniline	8.081	127	668355	40.362	ng	99
34) Hexachlorobutadiene	8.151	225	257300	38.674	ng	98
35) Caprolactam	8.457	113	152051m	39.064	ng	
36) 4-Chloro-3-methylphenol	8.569	107	480707	38.473	ng	98
37) 2-Methylnaphthalene	8.722	142	1050246	37.482	ng	98
38) 1-Methylnaphthalene	8.822	142	996084	38.001	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	423128	37.233	ng	99
41) Hexachlorocyclopentadiene	8.875	237	212589	32.076	ng	100
43) 2,4,6-Trichlorophenol	8.998	196	292461	37.213	ng	98

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44) 2,4,5-Trichlorophenol	9.045	196	342397	37.670	ng	97
46) 1,1'-Biphenyl	9.186	154	1236463	36.893	ng	98
47) 2-Chloronaphthalene	9.210	162	924091	37.670	ng	99
48) 2-Nitroaniline	9.304	65	304038	37.501	ng	95
49) Acenaphthylene	9.622	152	1455581	37.135	ng	99
50) Dimethylphthalate	9.486	163	1101281	37.368	ng	99
51) 2,6-Dinitrotoluene	9.551	165	252814	38.113	ng	88
52) Acenaphthene	9.792	154	967097m	36.839	ng	
53) 3-Nitroaniline	9.716	138	304615	38.622	ng	95
54) 2,4-Dinitrophenol	9.822	184	116449	34.926	ng	90
55) Dibenzofuran	9.963	168	1306012	36.470	ng	96
56) 4-Nitrophenol	9.886	139	205337	33.614	ng	95
57) 2,4-Dinitrotoluene	9.951	165	327281	38.689	ng	98
58) Fluorene	10.310	166	966967	36.856	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	255923	36.319	ng	99
60) Diethylphthalate	10.186	149	1036674	37.240	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	471309	36.863	ng	94
62) 4-Nitroaniline	10.333	138	291609	40.227	ng	97
63) Azobenzene	10.463	77	1060990	35.979	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	182534	41.139	ng	93
66) n-Nitrosodiphenylamine	10.422	169	884880	37.266	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	295604	37.233	ng	92
68) Hexachlorobenzene	10.857	284	297262	36.540	ng	96
69) Atrazine	10.951	200	263160	38.462	ng	99
70) Pentachlorophenol	11.051	266	191155	32.992	ng	98
71) Phenanthrene	11.269	178	1457886	37.054	ng	100
72) Anthracene	11.321	178	1484601	36.871	ng	100
73) Carbazole	11.474	167	1323588	36.917	ng	99
74) Di-n-butylphthalate	11.810	149	1601370	39.469	ng	99
75) Fluoranthene	12.451	202	1423612	36.053	ng	99
77) Benzidine	12.574	184	318391	45.042	ng	# 94
78) Pyrene	12.680	202	1454401	40.589	ng	98
80) Butylbenzylphthalate	13.304	149	595820	46.961	ng	99
81) Benzo(a)anthracene	13.868	228	1041492	36.232	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	314412	39.594	ng	98
83) Chrysene	13.904	228	1043902	36.325	ng	99
84) Bis(2-ethylhexyl)phtha...	13.862	149	639014	40.126	ng	# 99
85) Di-n-octyl phthalate	14.474	149	989591	38.110	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	945663	46.391	ng	97
88) Benzo(b)fluoranthene	14.892	252	870368	38.176	ng	98
89) Benzo(k)fluoranthene	14.915	252	809487	35.818	ng	99
90) Benzo(a)pyrene	15.233	252	798191	38.464	ng	99
91) Dibenzo(a,h)anthracene	16.686	278	784027	46.115	ng	99
92) Benzo(g,h,i)perylene	17.086	276	794579	47.339	ng	97

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

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