

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133295.D
 Acq On : 08 May 2023 15:21
 Operator : CG\JU
 Sample : 02655-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 05:05:20 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	211504	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	865968	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	445456	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	759099	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	390034	20.000	ng	0.00
86) Perylene-d12	15.292	264	398959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1194976	85.348	ng	0.02
7) Phenol-d6	6.369	99	1462168	84.137	ng	0.00
23) Nitrobenzene-d5	7.292	82	890799	55.525	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	347547	77.579	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1525831	57.306	ng	0.00
79) Terphenyl-d14	12.827	244	1621056	71.680	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	274833	42.319	ng	99
3) Pyridine	3.157	79	694514	40.265	ng	98
4) n-Nitrosodimethylamine	3.122	42	390536	43.712	ng	98
6) Aniline	6.387	93	639116	28.554	ng	# 28
8) 2-Chlorophenol	6.510	128	662501	46.603	ng	96
9) Benzaldehyde	6.269	77	471218	89.557	ng	99
10) Phenol	6.387	94	794021	41.416	ng	77
11) bis(2-Chloroethyl)ether	6.463	93	634227	44.085	ng	96
12) 1,3-Dichlorobenzene	6.663	146	699482	46.280	ng	99
13) 1,4-Dichlorobenzene	6.739	146	702795	46.397	ng	99
14) 1,2-Dichlorobenzene	6.892	146	672194	48.134	ng	96
15) Benzyl Alcohol	6.875	79	558330	46.510	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1018788	40.772	ng	92
17) 2-Methylphenol	6.992	107	547983	42.097	ng	97
18) Hexachloroethane	7.234	117	253808	48.195	ng	93
19) n-Nitroso-di-n-propyla...	7.145	70	426508	39.422	ng	96
20) 3+4-Methylphenols	7.145	107	643651	41.987	ng	# 77
22) Acetophenone	7.134	105	888715	44.303	ng	# 94
24) Nitrobenzene	7.310	77	670661	41.253	ng	100
25) Isophorone	7.551	82	1268578	41.646	ng	99
26) 2-Nitrophenol	7.628	139	373117	47.584	ng	95
27) 2,4-Dimethylphenol	7.675	122	596650	44.375	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	774303	42.969	ng	99
29) 2,4-Dichlorophenol	7.875	162	548209	44.788	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	567442	44.748	ng	100
31) Naphthalene	8.033	128	1847373	42.669	ng	99
32) Benzoic acid	7.745	122	45271m	5.451	ng	
33) 4-Chloroaniline	8.081	127	267766	15.307	ng	99
34) Hexachlorobutadiene	8.151	225	311121	44.267	ng	99
35) Caprolactam	8.451	113	184936m	44.976	ng	
36) 4-Chloro-3-methylphenol	8.575	107	583730	44.224	ng	99
37) 2-Methylnaphthalene	8.722	142	1213526	40.997	ng	98
38) 1-Methylnaphthalene	8.822	142	1147134	41.427	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	499206	41.680	ng	99
41) Hexachlorocyclopentadiene	8.875	237	595986	85.323	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	353454	42.672	ng	100

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44) 2,4,5-Trichlorophenol	9.045	196	383469	40.030	ng	99
46) 1,1'-Biphenyl	9.186	154	1481744	41.949	ng	99
47) 2-Chloronaphthalene	9.210	162	1129604	43.692	ng	99
48) 2-Nitroaniline	9.310	65	373248	43.682	ng	99
49) Acenaphthylene	9.622	152	1747113	42.292	ng	100
50) Dimethylphthalate	9.492	163	1319975	42.496	ng	99
51) 2,6-Dinitrotoluene	9.551	165	308698	44.157	ng	95
52) Acenaphthene	9.798	154	1147675m	41.480	ng	
53) 3-Nitroaniline	9.716	138	236320	28.430	ng	97
54) 2,4-Dinitrophenol	9.822	184	114526	32.591	ng	91
55) Dibenzofuran	9.969	168	1556674	41.246	ng	98
56) 4-Nitrophenol	9.892	139	474475	73.698	ng	90
57) 2,4-Dinitrotoluene	9.957	165	399196	44.776	ng	92
58) Fluorene	10.310	166	1138684	41.181	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	277764	37.401	ng	99
60) Diethylphthalate	10.192	149	1238415	42.211	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	545996	40.520	ng	98
62) 4-Nitroaniline	10.339	138	358580	46.935	ng	96
63) Azobenzene	10.463	77	1283353	41.292	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	134431	29.217	ng	81
66) n-Nitrosodiphenylamine	10.422	169	1076818	43.732	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	351914	42.745	ng	97
68) Hexachlorobenzene	10.857	284	377758	44.779	ng	94
69) Atrazine	10.957	200	371731	52.393	ng	99
70) Pentachlorophenol	11.051	266	252936	42.099	ng	97
71) Phenanthrene	11.269	178	1766767	43.304	ng	99
72) Anthracene	11.322	178	1765169	42.276	ng	99
73) Carbazole	11.474	167	1656395	44.552	ng	99
74) Di-n-butylphthalate	11.810	149	1938120	46.065	ng	100
75) Fluoranthene	12.457	202	1755837	42.881	ng	96
77) Benzidine	12.574	184	879768	133.385	ng	# 94
78) Pyrene	12.680	202	1767598	52.867	ng	99
80) Butylbenzylphthalate	13.304	149	736427	62.206	ng	96
81) Benzo(a)anthracene	13.868	228	1136162	42.360	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	135837	18.333	ng	97
83) Chrysene	13.904	228	1114303	41.555	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	780068	52.497	ng	100
85) Di-n-octyl phthalate	14.474	149	1274642	52.608	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1330633	58.635	ng	98
88) Benzo(b)fluoranthene	14.892	252	1052375	41.463	ng	99
89) Benzo(k)fluoranthene	14.921	252	1026493	40.798	ng	99
90) Benzo(a)pyrene	15.239	252	962977	41.683	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1098570	58.041	ng	98
92) Benzo(g,h,i)perylene	17.098	276	1118598	59.862	ng	97

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

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