

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132973.D
 Acq On : 21 Apr 2023 17:22
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042123

Quant Time: Apr 22 04:10:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	195691	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	777254	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	393610	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	672763	20.000	ng	0.00
76) Chrysene-d12	13.910	240	442316	20.000	ng	0.00
86) Perylene-d12	15.327	264	380405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1028573	79.399	ng	0.00
7) Phenol-d6	6.387	99	1300887	80.905	ng	0.00
23) Nitrobenzene-d5	7.322	82	1183347	82.178	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	328617	83.016	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1937004	82.330	ng	0.00
79) Terphenyl-d14	12.863	244	2025369	78.973	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	243767	40.569	ng	100
3) Pyridine	3.128	79	675683	42.338	ng	97
4) n-Nitrosodimethylamine	3.081	42	337358	40.811	ng	99
6) Aniline	6.416	93	878003	42.396	ng	99
8) 2-Chlorophenol	6.534	128	534746	40.656	ng	99
9) Benzaldehyde	6.298	77	311334	43.130	ng	98
10) Phenol	6.398	94	726490	40.956	ng	100
11) bis(2-Chloroethyl)ether	6.492	93	538561	40.460	ng	100
12) 1,3-Dichlorobenzene	6.692	146	559002	39.974	ng	99
13) 1,4-Dichlorobenzene	6.769	146	566209	40.400	ng	99
14) 1,2-Dichlorobenzene	6.928	146	527013	40.787	ng	98
15) Benzyl Alcohol	6.898	79	465485	41.910	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	938643	40.600	ng	100
17) 2-Methylphenol	7.010	107	488491	40.559	ng	99
18) Hexachloroethane	7.269	117	198858	40.812	ng	98
19) n-Nitroso-di-n-propyla...	7.175	70	400468	40.006	ng	99
20) 3+4-Methylphenols	7.163	107	571913	40.322	ng	98
22) Acetophenone	7.169	105	702984	39.044	ng	98
24) Nitrobenzene	7.339	77	597016	40.915	ng	99
25) Isophorone	7.581	82	1113034	40.711	ng	99
26) 2-Nitrophenol	7.651	139	304218	43.225	ng	100
27) 2,4-Dimethylphenol	7.692	122	494576	40.982	ng	100
28) bis(2-Chloroethoxy)met...	7.792	93	651396	40.274	ng	99
29) 2,4-Dichlorophenol	7.892	162	448532	40.827	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	456225	40.084	ng	99
31) Naphthalene	8.063	128	1565152	40.276	ng	100
32) Benzoic acid	7.816	122	352526m	47.291	ng	
33) 4-Chloroaniline	8.110	127	633198	40.328	ng	99
34) Hexachlorobutadiene	8.181	225	250148	39.654	ng	99
35) Caprolactam	8.486	113	157809	42.759	ng	98
36) 4-Chloro-3-methylphenol	8.586	107	489912	41.352	ng	99
37) 2-Methylnaphthalene	8.751	142	1057558	39.806	ng	99
38) 1-Methylnaphthalene	8.851	142	998625	40.180	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	425358	40.192	ng	98
41) Hexachlorocyclopentadiene	8.904	237	263182	42.641	ng	98
43) 2,4,6-Trichlorophenol	9.028	196	300798	41.099	ng	99

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44) 2,4,5-Trichlorophenol	9.063	196	341703	40.369	ng	99
46) 1,1'-Biphenyl	9.216	154	1237266	39.641	ng	100
47) 2-Chloronaphthalene	9.239	162	914288	40.022	ng	99
48) 2-Nitroaniline	9.333	65	322958	42.775	ng	97
49) Acenaphthylene	9.651	152	1473350	40.363	ng	100
50) Dimethylphthalate	9.522	163	1105745	40.288	ng	99
51) 2,6-Dinitrotoluene	9.575	165	257185	41.634	ng	99
52) Acenaphthene	9.828	154	979623	40.070	ng	99
53) 3-Nitroaniline	9.745	138	307329	41.842	ng	99
54) 2,4-Dinitrophenol	9.845	184	142630	45.935	ng	97
55) Dibenzofuran	9.998	168	1333991	40.001	ng	99
56) 4-Nitrophenol	9.898	139	238673	41.955	ng	95
57) 2,4-Dinitrotoluene	9.980	165	335094	42.537	ng	# 85
58) Fluorene	10.339	166	936969	38.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	267296	40.733	ng	99
60) Diethylphthalate	10.216	149	1056015	40.735	ng	100
61) 4-Chlorophenyl-phenyle...	10.333	204	463335	38.914	ng	100
62) 4-Nitroaniline	10.357	138	281956	41.767	ng	99
63) Azobenzene	10.492	77	1103539	40.184	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	188215	46.156	ng	94
66) n-Nitrosodiphenylamine	10.451	169	887966	40.690	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	301045	41.259	ng	97
68) Hexachlorobenzene	10.886	284	305219	40.823	ng	99
69) Atrazine	10.980	200	261668	41.613	ng	99
70) Pentachlorophenol	11.075	266	235595	44.245	ng	98
71) Phenanthrene	11.298	178	1435188	39.691	ng	100
72) Anthracene	11.351	178	1498095	40.484	ng	100
73) Carbazole	11.504	167	1343703	40.780	ng	100
74) Di-n-butylphthalate	11.839	149	1567439	42.036	ng	99
75) Fluoranthene	12.480	202	1489876	41.055	ng	99
77) Benzidine	12.604	184	256173	34.249	ng	98
78) Pyrene	12.710	202	1515998	39.982	ng	99
80) Butylbenzylphthalate	13.333	149	590136	43.957	ng	92
81) Benzo(a)anthracene	13.898	228	1242447	40.848	ng	100
82) 3,3'-Dichlorobenzidine	13.863	252	348366	41.459	ng	99
83) Chrysene	13.933	228	1220930	40.150	ng	100
84) Bis(2-ethylhexyl)phtha...	13.898	149	716101	42.495	ng	# 98
85) Di-n-octyl phthalate	14.510	149	1199942	43.671	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	931347	43.042	ng	100
88) Benzo(b)fluoranthene	14.921	252	1057587	43.700	ng	98
89) Benzo(k)fluoranthene	14.951	252	936547	39.039	ng	97
90) Benzo(a)pyrene	15.274	252	922699	41.888	ng	99
91) Dibenzo(a,h)anthracene	16.733	278	781697	43.314	ng	99
92) Benzo(g,h,i)perylene	17.133	276	766225	43.005	ng	100

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

