

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132433.D
 Acq On : 16 Feb 2023 14:37
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021623

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/17/2023
 Supervised By : Jagrut Upadhyay 02/17/2023

Quant Time: Feb 17 03:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	186384	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	662512	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	351315	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	678144	20.000	ng	0.00
76) Chrysene-d12	14.242	240	454699	20.000	ng	0.00
86) Perylene-d12	15.801	264	414610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	913658	78.548	ng	0.00
7) Phenol-d6	6.648	99	1203418	79.233	ng	0.00
23) Nitrobenzene-d5	7.595	82	1121512	81.339	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	282184	80.504	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1698513	74.663	ng	0.00
79) Terphenyl-d14	13.172	244	1978284	79.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.902	88	250152	39.754	ng	99
3) Pyridine	3.678	79	692682	40.554	ng	99
4) n-Nitrosodimethylamine	3.643	42	279045	41.377	ng	96
6) Aniline	6.695	93	854333	40.376	ng	99
8) 2-Chlorophenol	6.813	128	475116	40.011	ng	99
9) Benzaldehyde	6.584	77	274863	33.847	ng	99
10) Phenol	6.666	94	641639	39.864	ng	100
11) bis(2-Chloroethyl)ether	6.766	93	551901	40.423	ng	100
12) 1,3-Dichlorobenzene	6.972	146	513840	39.722	ng	99
13) 1,4-Dichlorobenzene	7.048	146	508141	39.378	ng	98
14) 1,2-Dichlorobenzene	7.207	146	464826	39.317	ng	98
15) Benzyl Alcohol	7.172	79	479529	42.683	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.301	45	765832	40.342	ng	99
17) 2-Methylphenol	7.272	107	459040	40.608	ng	99
18) Hexachloroethane	7.548	117	201205	41.295	ng	98
19) n-Nitroso-di-n-propyla...	7.442	70	369408	39.673	ng	99
20) 3+4-Methylphenols	7.431	107	566702	40.603	ng	# 84
22) Acetophenone	7.442	105	675352	39.332	ng	100
24) Nitrobenzene	7.619	77	619234	40.962	ng	100
25) Isophorone	7.854	82	1095272	40.425	ng	100
26) 2-Nitrophenol	7.931	139	258082	43.917	ng	99
27) 2,4-Dimethylphenol	7.960	122	437453	41.229	ng	99
28) bis(2-Chloroethoxy)met...	8.060	93	627984	39.663	ng	99
29) 2,4-Dichlorophenol	8.172	162	412934	41.253	ng	99
30) 1,2,4-Trichlorobenzene	8.254	180	448083	40.251	ng	98
31) Naphthalene	8.342	128	1346566	39.165	ng	100
32) Benzoic acid	8.072	122	303868m	40.901	ng	
33) 4-Chloroaniline	8.384	127	552638	38.688	ng	99
34) Hexachlorobutadiene	8.454	225	284487	40.478	ng	99
35) Caprolactam	8.766	113	139657	42.976	ng	99
36) 4-Chloro-3-methylphenol	8.860	107	456398	40.749	ng	100
37) 2-Methylnaphthalene	9.031	142	913709	39.488	ng	99
38) 1-Methylnaphthalene	9.131	142	858201	39.478	ng	99
40) 1,2,4,5-Tetrachloroben...	9.201	216	452062	39.712	ng	100
41) Hexachlorocyclopentadiene	9.184	237	274518	43.906	ng	100
43) 2,4,6-Trichlorophenol	9.307	196	306992	40.938	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	360614	41.287	ng	100
46) 1,1'-Biphenyl	9.501	154	1057925	38.907	ng	100
47) 2-Chloronaphthalene	9.525	162	847841	39.726	ng	99
48) 2-Nitroaniline	9.619	65	319320	42.643	ng	100
49) Acenaphthylene	9.942	152	1340376	39.529	ng	99
50) Dimethylphthalate	9.795	163	1038125	40.127	ng	100
51) 2,6-Dinitrotoluene	9.860	165	234273	41.639	ng	99
52) Acenaphthene	10.119	154	848294	40.199	ng	99
53) 3-Nitroaniline	10.036	138	266360	41.234	ng	100
54) 2,4-Dinitrophenol	10.136	184	137231	41.890	ng	96
55) Dibenzofuran	10.289	168	1231409	39.330	ng	99
56) 4-Nitrophenol	10.178	139	202433	43.195	ng	89
57) 2,4-Dinitrotoluene	10.266	165	311023	41.994	ng	99
58) Fluorene	10.636	166	926306	39.132	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.401	232	272150	41.227	ng	99
60) Diethylphthalate	10.495	149	1027206	40.390	ng	99
61) 4-Chlorophenyl-phenyle...	10.619	204	486881	39.277	ng	99
62) 4-Nitroaniline	10.654	138	246133	40.834	ng	97
63) Azobenzene	10.783	77	1125532	39.998	ng	99
65) 4,6-Dinitro-2-methylph...	10.678	198	184825	43.838	ng	99
66) n-Nitrosodiphenylamine	10.742	169	831217	39.935	ng	99
67) 4-Bromophenyl-phenylether	11.113	248	302754	40.734	ng	98
68) Hexachlorobenzene	11.183	284	311709	40.121	ng	99
69) Atrazine	11.266	200	260067	40.594	ng	99
70) Pentachlorophenol	11.378	266	217236	44.974	ng	99
71) Phenanthrene	11.607	178	1357901	38.878	ng	99
72) Anthracene	11.654	178	1408109	39.217	ng	99
73) Carbazole	11.807	167	1282212	39.672	ng	99
74) Di-n-butylphthalate	12.130	149	1578191	40.995	ng	100
75) Fluoranthene	12.801	202	1538575	39.500	ng	99
77) Benzidine	12.919	184	360857	37.270	ng	99
78) Pyrene	13.030	202	1559727	40.380	ng	99
80) Butylbenzylphthalate	13.642	149	641494	44.507	ng	98
81) Benzo(a)anthracene	14.230	228	1356463	40.732	ng	99
82) 3,3'-Dichlorobenzidine	14.183	252	357163	40.152	ng	99
83) Chrysene	14.266	228	1269329	39.892	ng	99
84) Bis(2-ethylhexyl)phtha...	14.195	149	806396	43.219	ng	99
85) Di-n-octyl phthalate	14.830	149	1221251	45.076	ng	100
87) Indeno(1,2,3-cd)pyrene	17.418	276	1167208	44.040	ng	99
88) Benzo(b)fluoranthene	15.330	252	1095111	40.165	ng	98
89) Benzo(k)fluoranthene	15.366	252	1098458	40.259	ng	99
90) Benzo(a)pyrene	15.736	252	1046858	41.315	ng	99
91) Dibenzo(a,h)anthracene	17.442	278	956006	43.795	ng	99
92) Benzo(g,h,i)perylene	17.918	276	995269	44.396	ng	97

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

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