

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131769.D
 Acq On : 22 Dec 2022 10:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 12/23/2022
 Supervised By : Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 03:10:30 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 23 03:03:57 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	86145	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	296682	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	166847	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	315753	20.000	ng	0.00
76) Chrysene-d12	14.051	240	182423	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	162594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	419616	82.023	ng	0.00
7) Phenol-d6	6.487	99	548838	79.706	ng	0.00
23) Nitrobenzene-d5	7.428	82	586425	80.243	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145013	79.407	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	986343	82.812	ng	0.00
79) Terphenyl-d14	12.992	244	1034105	88.348	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	101386	42.409	ng	99
3) Pyridine	3.328	79	286698	42.057	ng	99
4) n-Nitrosodimethylamine	3.305	42	126738	41.093	ng	97
6) Aniline	6.522	93	335564	39.474	ng	99
8) 2-Chlorophenol	6.640	128	218242	39.718	ng	99
9) Benzaldehyde	6.404	77	162727	40.515	ng	99
10) Phenol	6.504	94	328213	39.923	ng	99
11) bis(2-Chloroethyl)ether	6.593	93	232395	39.502	ng	99
12) 1,3-Dichlorobenzene	6.793	146	245532	39.530	ng	99
13) 1,4-Dichlorobenzene	6.875	146	249123	39.238	ng	98
14) 1,2-Dichlorobenzene	7.028	146	231853	39.002	ng	99
15) Benzyl Alcohol	7.004	79	239709	38.976	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	294429	39.249	ng	99
17) 2-Methylphenol	7.116	107	199988	38.554	ng	98
18) Hexachloroethane	7.369	117	98945	39.314	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	189620	38.183	ng	97
20) 3+4-Methylphenols	7.269	107	260935	39.085	ng	99
22) Acetophenone	7.275	105	345378	39.891	ng	99
24) Nitrobenzene	7.445	77	303478	40.847	ng	95
25) Isophorone	7.687	82	483292	38.940	ng	99
26) 2-Nitrophenol	7.763	139	115876	39.908	ng	99
27) 2,4-Dimethylphenol	7.798	122	163491	39.534	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	261501	39.678	ng	99
29) 2,4-Dichlorophenol	8.004	162	197253	39.510	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	230364	39.250	ng	97
31) Naphthalene	8.169	128	639574	39.473	ng	100
32) Benzoic acid	7.934	122	137946m	41.671	ng	
33) 4-Chloroaniline	8.222	127	246456	39.003	ng	99
34) Hexachlorobutadiene	8.281	225	157536	39.895	ng	98
35) Caprolactam	8.604	113	57992	38.523	ng	# 81
36) 4-Chloro-3-methylphenol	8.704	107	226417	39.701	ng	98
37) 2-Methylnaphthalene	8.863	142	431742	39.064	ng	99
38) 1-Methylnaphthalene	8.963	142	417718	39.023	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	238294	41.745	ng	99
41) Hexachlorocyclopentadiene	9.010	237	103778	40.128	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	154546	41.445	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	167059	41.384	ng	99
46) 1,1'-Biphenyl	9.328	154	524438	41.788	ng	99
47) 2-Chloronaphthalene	9.357	162	430124	41.855	ng	100
48) 2-Nitroaniline	9.457	65	156758	42.321	ng	97
49) Acenaphthylene	9.775	152	644515	41.814	ng	100
50) Dimethylphthalate	9.634	163	512058	40.787	ng	100
51) 2,6-Dinitrotoluene	9.698	165	110490	40.930	ng	96
52) Acenaphthene	9.945	154	388984	41.196	ng	98
53) 3-Nitroaniline	9.869	138	115301	41.743	ng	99
54) 2,4-Dinitrophenol	9.975	184	58602	36.230	ng	99
55) Dibenzofuran	10.116	168	590960	40.815	ng	99
56) 4-Nitrophenol	10.028	139	79635	40.282	ng	97
57) 2,4-Dinitrotoluene	10.104	165	151494	41.763	ng	94
58) Fluorene	10.457	166	480814	41.072	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	133904m	39.733	ng	
60) Diethylphthalate	10.334	149	482776	39.909	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	252510	40.584	ng	99
62) 4-Nitroaniline	10.486	138	114585	41.219	ng	93
63) Azobenzene	10.610	77	542331	40.825	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	87778	40.491	ng	97
66) n-Nitrosodiphenylamine	10.575	169	396405	40.483	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	149895	40.194	ng	96
68) Hexachlorobenzene	11.004	284	165132	40.261	ng	98
69) Atrazine	11.098	200	130671	40.034	ng	97
70) Pentachlorophenol	11.204	266	88595	40.698	ng	97
71) Phenanthrene	11.428	178	690462	40.102	ng	99
72) Anthracene	11.481	178	685034	40.635	ng	99
73) Carbazole	11.633	167	594775	40.779	ng	99
74) Di-n-butylphthalate	11.963	149	701600	38.631	ng	99
75) Fluoranthene	12.616	202	757035	39.480	ng	99
77) Benzidine	12.739	184	136168	40.707	ng	99
78) Pyrene	12.851	202	759384	45.785	ng	100
80) Butylbenzylphthalate	13.463	149	249654	42.678	ng	93
81) Benzo(a)anthracene	14.039	228	560269	42.644	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	154173	42.031	ng	# 97
83) Chrysene	14.074	228	525305	42.362	ng	98
84) Bis(2-ethylhexyl)phtha...	14.022	149	281249	40.320	ng	99
85) Di-n-octyl phthalate	14.639	149	380850	39.114	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	478352	43.800	ng	100
88) Benzo(b)fluoranthene	15.098	252	411411	35.765	ng	99
89) Benzo(k)fluoranthene	15.127	252	431086m	38.405	ng	
90) Benzo(a)pyrene	15.474	252	356217	39.094	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	395460	43.817	ng	99
92) Benzo(g,h,i)perylene	17.498	276	399543	44.789	ng	99

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

