

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133326.D
 Acq On : 10 May 2023 12:44
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 10 13:51:06 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	226444	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	888695	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	456655	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	795644	20.000	ng	0.00
76) Chrysene-d12	13.886	240	506160	20.000	ng	0.00
86) Perylene-d12	15.298	264	475365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1126881	75.174	ng	0.00
7) Phenol-d6	6.375	99	1386877	74.539	ng	0.00
23) Nitrobenzene-d5	7.292	82	1235220	75.024	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	332710	72.446	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2066347	75.703	ng	0.00
79) Terphenyl-d14	12.833	244	2126751	72.466	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	256787	36.932	ng	98
3) Pyridine	3.069	79	679190	36.778	ng	97
4) n-Nitrosodimethylamine	3.034	42	336644	35.194	ng	97
6) Aniline	6.392	93	875986	36.554	ng	# 91
8) 2-Chlorophenol	6.510	128	581957	38.236	ng	99
9) Benzaldehyde	6.269	77	331852	37.965	ng	98
10) Phenol	6.387	94	725172	35.330	ng	# 69
11) bis(2-Chloroethyl)ether	6.463	93	571730	37.119	ng	100
12) 1,3-Dichlorobenzene	6.663	146	614884	37.999	ng	100
13) 1,4-Dichlorobenzene	6.739	146	613469	37.828	ng	100
14) 1,2-Dichlorobenzene	6.898	146	573118	38.332	ng	99
15) Benzyl Alcohol	6.875	79	471207	36.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	911854	34.085	ng	89
17) 2-Methylphenol	6.992	107	526612	37.786	ng	97
18) Hexachloroethane	7.234	117	215138	38.156	ng	92
19) n-Nitroso-di-n-propyla...	7.145	70	391308	33.782	ng	96
20) 3+4-Methylphenols	7.145	107	623234	37.973	ng	# 85
22) Acetophenone	7.139	105	781766	37.975	ng	96
24) Nitrobenzene	7.310	77	630315	37.780	ng	97
25) Isophorone	7.551	82	1155562	36.966	ng	99
26) 2-Nitrophenol	7.628	139	329860	40.991	ng	96
27) 2,4-Dimethylphenol	7.675	122	526800	38.178	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	690702	37.349	ng	99
29) 2,4-Dichlorophenol	7.875	162	489014	38.930	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	503929	38.723	ng	99
31) Naphthalene	8.033	128	1684617	37.915	ng	99
32) Benzoic acid	7.798	122	299025m	35.084	ng	
33) 4-Chloroaniline	8.086	127	728448	40.577	ng	98
34) Hexachlorobutadiene	8.151	225	276820	38.380	ng	98
35) Caprolactam	8.463	113	169315m	40.124	ng	
36) 4-Chloro-3-methylphenol	8.569	107	525959	38.828	ng	99
37) 2-Methylnaphthalene	8.722	142	1157037	38.089	ng	100
38) 1-Methylnaphthalene	8.822	142	1082160	38.081	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	459831	37.451	ng	99
41) Hexachlorocyclopentadiene	8.875	237	287816	40.194	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	320800	37.780	ng	99

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 QLast Update : Tue May 09 04:59:36 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	380238	38.720	ng	98
46) 1,1'-Biphenyl	9.186	154	1360430	37.570	ng	99
47) 2-Chloronaphthalene	9.210	162	1010171	38.114	ng	99
48) 2-Nitroaniline	9.310	65	335244	38.272	ng	99
49) Acenaphthylene	9.627	152	1595674	37.679	ng	99
50) Dimethylphthalate	9.492	163	1216809	38.214	ng	99
51) 2,6-Dinitrotoluene	9.551	165	276827	38.627	ng	96
52) Acenaphthene	9.798	154	1068640m	37.677	ng	
53) 3-Nitroaniline	9.722	138	329907	38.715	ng	99
54) 2,4-Dinitrophenol	9.827	184	132690	36.834	ng	100
55) Dibenzofuran	9.969	168	1430043	36.961	ng	98
56) 4-Nitrophenol	9.892	139	213761	32.388	ng	95
57) 2,4-Dinitrotoluene	9.957	165	358791	39.257	ng	92
58) Fluorene	10.310	166	1076707	37.984	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	282178	37.064	ng	99
60) Diethylphthalate	10.186	149	1149098	38.206	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	523925	37.928	ng	99
62) 4-Nitroaniline	10.333	138	319441	40.787	ng	98
63) Azobenzene	10.463	77	1154010	36.220	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	196913	40.832	ng	95
66) n-Nitrosodiphenylamine	10.422	169	971521	37.643	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	327650	37.970	ng	98
68) Hexachlorobenzene	10.863	284	331419	37.481	ng	98
69) Atrazine	10.951	200	294387	39.586	ng	99
70) Pentachlorophenol	11.057	266	203496	32.314	ng	98
71) Phenanthrene	11.269	178	1579335	36.932	ng	99
72) Anthracene	11.322	178	1628875	37.220	ng	99
73) Carbazole	11.480	167	1446984	37.132	ng	98
74) Di-n-butylphthalate	11.810	149	1780496	40.375	ng	100
75) Fluoranthene	12.457	202	1603794	37.369	ng	97
77) Benzidine	12.580	184	376530m	43.990	ng	
78) Pyrene	12.686	202	1618708	37.306	ng	99
80) Butylbenzylphthalate	13.304	149	725445	47.220	ng	96
81) Benzo(a)anthracene	13.874	228	1221083	35.082	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	379780	39.497	ng	100
83) Chrysene	13.910	228	1232556	35.420	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	856454	44.414	ng	99
85) Di-n-octyl phthalate	14.480	149	1374699	43.721	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	1032542	38.186	ng	98
88) Benzo(b)fluoranthene	14.898	252	983257	32.513	ng	98
89) Benzo(k)fluoranthene	14.927	252	991767	33.082	ng	99
90) Benzo(a)pyrene	15.245	252	929644	33.773	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	863440	38.286	ng	99
92) Benzo(g,h,i)perylene	17.103	276	871766	39.154	ng	98

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

