

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042585.D
 Acq On : 04 Nov 2023 10:53
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023

Quant Time: Nov 06 01:38:21 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 03 15:52:20 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	76587	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	329792	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	219355	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	468940	20.000	ng	0.00
76) Chrysene-d12	21.503	240	406401	20.000	ng	0.00
86) Perylene-d12	23.921	264	398693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	363955	76.694	ng	0.00
7) Phenol-d6	7.087	99	537467	82.582	ng	0.01
23) Nitrobenzene-d5	9.122	82	630183	89.077	ng	0.01
42) 2,4,6-Tribromophenol	16.068	330	271286	94.727	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1456350	89.338	ng	0.00
79) Terphenyl-d14	19.939	244	2370274	98.894	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	79202	35.021	ng	# 93
3) Pyridine	3.728	79	229449	35.367	ng	95
4) n-Nitrosodimethylamine	3.657	42	146656	46.973	ng	# 76
6) Aniline	7.263	93	332138	40.148	ng	97
8) 2-Chlorophenol	7.475	128	199267	38.942	ng	98
9) Benzaldehyde	7.081	77	167918	44.767	ng	99
10) Phenol	7.110	94	263485	39.862	ng	90
11) bis(2-Chloroethyl)ether	7.357	93	216096	38.645	ng	99
12) 1,3-Dichlorobenzene	7.792	146	214133	38.721	ng	97
13) 1,4-Dichlorobenzene	7.951	146	218932	39.117	ng	97
14) 1,2-Dichlorobenzene	8.263	146	214238	39.647	ng	98
15) Benzyl Alcohol	8.181	79	218066	47.327	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.445	45	355525m	39.953	ng	
17) 2-Methylphenol	8.369	107	194767	41.615	ng	96
18) Hexachloroethane	8.975	117	90497	41.324	ng	92
19) n-Nitroso-di-n-propyla...	8.739	70	213739	46.424	ng	90
20) 3+4-Methylphenols	8.704	107	268945	42.981	ng	95
22) Acetophenone	8.769	105	349635	42.036	ng	# 96
24) Nitrobenzene	9.163	77	304030	43.632	ng	98
25) Isophorone	9.675	82	579713	46.296	ng	98
26) 2-Nitrophenol	9.863	139	125408	42.738	ng	# 91
27) 2,4-Dimethylphenol	9.904	122	210518	43.946	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	314122	41.639	ng	99
29) 2,4-Dichlorophenol	10.386	162	219735	46.359	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	232213	44.704	ng	98
31) Naphthalene	10.786	128	699731	41.067	ng	100
32) Benzoic acid	10.092	122	169235	43.827	ng	94
33) 4-Chloroaniline	10.928	127	301318	45.354	ng	97
34) Hexachlorobutadiene	11.004	225	157150	49.829	ng	98
35) Caprolactam	11.780	113	70233	42.173	ng	90
36) 4-Chloro-3-methylphenol	12.039	107	245447	45.502	ng	98
37) 2-Methylnaphthalene	12.392	142	517063	43.089	ng	96
38) 1-Methylnaphthalene	12.616	142	488818	43.277	ng	100
40) 1,2,4,5-Tetrachloroben...	12.745	216	294403	44.925	ng	99
41) Hexachlorocyclopentadiene	12.686	237	170117	46.100	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	191608	45.650	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	223773	44.802	ng	95
46) 1,1'-Biphenyl	13.404	154	695117	41.455	ng	99
47) 2-Chloronaphthalene	13.457	162	509859	41.449	ng	100
48) 2-Nitroaniline	13.698	65	202802	41.521	ng	97
49) Acenaphthylene	14.298	152	859463	42.188	ng	99
50) Dimethylphthalate	14.039	163	701951	42.816	ng	100
51) 2,6-Dinitrotoluene	14.186	165	147170	43.556	ng	95
52) Acenaphthene	14.633	154	504499	40.804	ng	99
53) 3-Nitroaniline	14.527	138	145727	39.324	ng	98
54) 2,4-Dinitrophenol	14.733	184	86187	40.213	ng	97
55) Dibenzofuran	14.968	168	864501	43.004	ng	99
56) 4-Nitrophenol	14.821	139	106064	38.495	ng	86
57) 2,4-Dinitrotoluene	14.968	165	210882	41.749	ng	95
58) Fluorene	15.615	166	694833	42.720	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	186608	44.357	ng	97
60) Diethylphthalate	15.386	149	709848	42.737	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	380268	46.278	ng	98
62) 4-Nitroaniline	15.692	138	129876	39.526	ng	# 86
63) Azobenzene	15.904	77	798931	43.650	ng	95
65) 4,6-Dinitro-2-methylph...	15.721	198	120409	40.921	ng	95
66) n-Nitrosodiphenylamine	15.833	169	574737	43.467	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	225558	48.103	ng	98
68) Hexachlorobenzene	16.592	284	239901	46.246	ng	96
69) Atrazine	16.786	200	166346	43.539	ng	98
70) Pentachlorophenol	16.957	266	162578	42.629	ng	99
71) Phenanthrene	17.362	178	1005585	41.033	ng	100
72) Anthracene	17.456	178	1029566	42.415	ng	100
73) Carbazole	17.745	167	861057	43.605	ng	100
74) Di-n-butylphthalate	18.262	149	1247379	44.983	ng	99
75) Fluoranthene	19.380	202	1199265	41.660	ng	98
77) Benzidine	19.586	184	218571	56.068	ng	99
78) Pyrene	19.745	202	1238926	44.396	ng	100
80) Butylbenzylphthalate	20.621	149	541662	45.446	ng	99
81) Benzo(a)anthracene	21.486	228	1110918	42.963	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	378037	46.002	ng	98
83) Chrysene	21.544	228	1054072	40.131	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	800429	44.436	ng	100
85) Di-n-octyl phthalate	22.291	149	1271162	40.998	ng	99
87) Indeno(1,2,3-cd)pyrene	26.468	276	1062489	44.776	ng	# 93
88) Benzo(b)fluoranthene	23.174	252	925054	41.647	ng	98
89) Benzo(k)fluoranthene	23.227	252	980746	39.624	ng	# 97
90) Benzo(a)pyrene	23.815	252	885479	40.492	ng	# 97
91) Dibenzo(a,h)anthracene	26.479	278	891319	41.318	ng	# 94
92) Benzo(g,h,i)perylene	27.256	276	848152	40.554	ng	96

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

