

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042553.D
 Acq On : 02 Nov 2023 10:03
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 02 22:37:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	82195	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	328000	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	210553	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	474977	20.000	ng	0.00
76) Chrysene-d12	21.515	240	400398	20.000	ng	0.00
86) Perylene-d12	23.938	264	420585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	394740	77.506	ng	0.00
7) Phenol-d6	7.098	99	545071	78.036	ng	0.00
23) Nitrobenzene-d5	9.128	82	621309	88.302	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	266040	96.779	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1378944	88.125	ng	0.00
79) Terphenyl-d14	19.944	244	2424328	102.666	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	95571	39.375	ng	97
3) Pyridine	3.734	79	238561	34.263	ng	97
4) n-Nitrosodimethylamine	3.663	42	145437	43.405	ng	# 80
6) Aniline	7.269	93	338992	38.181	ng	96
8) 2-Chlorophenol	7.486	128	209359	38.123	ng	99
9) Benzaldehyde	7.087	77	167928	41.715	ng	100
10) Phenol	7.122	94	270253	38.097	ng	92
11) bis(2-Chloroethyl)ether	7.369	93	222278	37.038	ng	100
12) 1,3-Dichlorobenzene	7.804	146	232713	39.209	ng	98
13) 1,4-Dichlorobenzene	7.963	146	234852	39.098	ng	97
14) 1,2-Dichlorobenzene	8.275	146	228051	39.324	ng	97
15) Benzyl Alcohol	8.192	79	213537m	43.183	ng	
16) 2,2'-oxybis(1-Chloropr...	8.457	45	357210	37.403	ng	99
17) 2-Methylphenol	8.381	107	198415	39.502	ng	96
18) Hexachloroethane	8.986	117	96569	41.088	ng	91
19) n-Nitroso-di-n-propyla...	8.745	70	208086	42.113	ng	95
20) 3+4-Methylphenols	8.716	107	272371	40.558	ng	96
22) Acetophenone	8.781	105	351526	42.494	ng	# 98
24) Nitrobenzene	9.175	77	300620	43.378	ng	98
25) Isophorone	9.686	82	555939	44.640	ng	99
26) 2-Nitrophenol	9.875	139	125406	42.952	ng	96
27) 2,4-Dimethylphenol	9.916	122	198648	41.695	ng	95
28) bis(2-Chloroethoxy)met...	10.169	93	306535	40.856	ng	100
29) 2,4-Dichlorophenol	10.398	162	217064	46.046	ng	98
30) 1,2,4-Trichlorobenzene	10.598	180	234582	45.407	ng	98
31) Naphthalene	10.798	128	705697	41.643	ng	100
32) Benzoic acid	10.098	122	163164	42.612	ng	96
33) 4-Chloroaniline	10.939	127	296133	44.817	ng	97
34) Hexachlorobutadiene	11.016	225	161205	51.394	ng	99
35) Caprolactam	11.792	113	69736	42.103	ng	98
36) 4-Chloro-3-methylphenol	12.051	107	239423	44.627	ng	99
37) 2-Methylnaphthalene	12.404	142	510642	42.787	ng	98
38) 1-Methylnaphthalene	12.627	142	476653	42.431	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	287513	45.708	ng	99
41) Hexachlorocyclopentadiene	12.698	237	232685	63.100	ng	100
43) 2,4,6-Trichlorophenol	13.016	196	189147	46.948	ng	100

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44) 2,4,5-Trichlorophenol	13.092	196	218127	45.497	ng	96
46) 1,1'-Biphenyl	13.416	154	671274	41.707	ng	99
47) 2-Chloronaphthalene	13.468	162	492739	41.731	ng	100
48) 2-Nitroaniline	13.704	65	189238	40.485	ng	98
49) Acenaphthylene	14.310	152	833231	42.610	ng	99
50) Dimethylphthalate	14.051	163	693901	44.094	ng	100
51) 2,6-Dinitrotoluene	14.198	165	145552	44.878	ng	99
52) Acenaphthene	14.645	154	490134	41.299	ng	99
53) 3-Nitroaniline	14.539	138	146672	41.022	ng	98
54) 2,4-Dinitrophenol	14.745	184	87860	42.226	ng	97
55) Dibenzofuran	14.980	168	833520	43.197	ng	100
56) 4-Nitrophenol	14.839	139	108128	40.453	ng	87
57) 2,4-Dinitrotoluene	14.980	165	207305	42.661	ng	98
58) Fluorene	15.627	166	675400	43.261	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	184689	45.736	ng	97
60) Diethylphthalate	15.392	149	703555	44.129	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	364781	46.249	ng	99
62) 4-Nitroaniline	15.704	138	138258	43.210	ng	89
63) Azobenzene	15.915	77	766307	43.617	ng	95
65) 4,6-Dinitro-2-methylph...	15.733	198	125844	42.038	ng	96
66) n-Nitrosodiphenylamine	15.845	169	567299	42.359	ng	98
67) 4-Bromophenyl-phenylether	16.515	248	218423	45.989	ng	99
68) Hexachlorobenzene	16.604	284	240142	45.704	ng	97
69) Atrazine	16.792	200	176956	45.727	ng	99
70) Pentachlorophenol	16.968	266	167006	43.234	ng	99
71) Phenanthrene	17.374	178	1034265	41.667	ng	100
72) Anthracene	17.468	178	1057743	43.022	ng	100
73) Carbazole	17.756	167	920217	46.009	ng	100
74) Di-n-butylphthalate	18.274	149	1317309	46.901	ng	99
75) Fluoranthene	19.392	202	1284096	44.040	ng	97
77) Benzidine	19.597	184	244042	63.541	ng	100
78) Pyrene	19.756	202	1299598	47.269	ng	98
80) Butylbenzylphthalate	20.633	149	574442	48.919	ng	99
81) Benzo(a)anthracene	21.497	228	1115942	43.805	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	395368	48.832	ng	99
83) Chrysene	21.556	228	1052768	40.682	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	800618	45.113	ng	99
85) Di-n-octyl phthalate	22.303	149	1316566	43.099	ng	99
87) Indeno(1,2,3-cd)pyrene	26.491	276	1159461	46.319	ng	# 93
88) Benzo(b)fluoranthene	23.197	252	1004891m	42.886	ng	
89) Benzo(k)fluoranthene	23.244	252	1027944	39.370	ng	# 98
90) Benzo(a)pyrene	23.838	252	962783	41.735	ng	# 97
91) Dibenzo(a,h)anthracene	26.503	278	954132	41.867	ng	# 95
92) Benzo(g,h,i)perylene	27.291	276	926192	41.981	ng	# 95

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

