

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041262.D
 Acq On : 03 Aug 2023 15:02
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:19:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	152021	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	585280	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	348936	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	737010	20.000	ng	0.00
76) Chrysene-d12	21.427	240	660303	20.000	ng	0.00
86) Perylene-d12	23.797	264	724144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	717531	70.544	ng	0.00
7) Phenol-d6	6.975	99	944756	71.656	ng	0.00
23) Nitrobenzene-d5	8.969	82	922856	73.327	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	412669	83.612	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2042391	73.940	ng	0.00
79) Terphenyl-d14	19.862	244	2974742	81.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	139943	32.162	ng	96
3) Pyridine	3.663	79	396670	34.671	ng	96
4) n-Nitrosodimethylamine	3.581	42	166003	31.372	ng	92
6) Aniline	7.128	93	575643	37.307	ng	98
8) 2-Chlorophenol	7.357	128	368238	37.084	ng	99
9) Benzaldehyde	6.940	77	240136m	34.517	ng	
10) Phenol	7.004	94	461051	36.206	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	378300	36.700	ng	98
12) 1,3-Dichlorobenzene	7.681	146	408011	37.748	ng	98
13) 1,4-Dichlorobenzene	7.828	146	414483	38.151	ng	100
14) 1,2-Dichlorobenzene	8.145	146	399006	38.304	ng	99
15) Benzyl Alcohol	8.051	79	345632	41.511	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	473980	34.511	ng	97
17) 2-Methylphenol	8.251	107	332813	38.255	ng	98
18) Hexachloroethane	8.863	117	159384	39.406	ng	91
19) n-Nitroso-di-n-propyla...	8.610	70	320508	40.022	ng	96
20) 3+4-Methylphenols	8.586	107	455122	39.126	ng	98
22) Acetophenone	8.634	105	574839	37.085	ng	# 98
24) Nitrobenzene	9.016	77	465540	36.578	ng	98
25) Isophorone	9.539	82	852259	39.892	ng	99
26) 2-Nitrophenol	9.722	139	211545	42.518	ng	95
27) 2,4-Dimethylphenol	9.786	122	335747	38.349	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	503585	37.630	ng	100
29) 2,4-Dichlorophenol	10.257	162	357266	40.465	ng	100
30) 1,2,4-Trichlorobenzene	10.463	180	389704	39.950	ng	97
31) Naphthalene	10.651	128	1181492	37.200	ng	99
32) Benzoic acid	9.957	122	269414	42.020	ng	97
33) 4-Chloroaniline	10.780	127	498009	39.236	ng	99
34) Hexachlorobutadiene	10.922	225	254356	43.355	ng	97
35) Caprolactam	11.598	113	107656	42.151	ng	89
36) 4-Chloro-3-methylphenol	11.916	107	373161	40.156	ng	99
37) 2-Methylnaphthalene	12.269	142	838069	39.139	ng	99
38) 1-Methylnaphthalene	12.492	142	784183	39.129	ng	100
40) 1,2,4,5-Tetrachloroben...	12.639	216	439723	38.809	ng	99
41) Hexachlorocyclopentadiene	12.604	237	228742	38.160	ng	98
43) 2,4,6-Trichlorophenol	12.892	196	299825	41.286	ng	100

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44) 2,4,5-Trichlorophenol	12.969	196	343780	40.900	ng	96
46) 1,1'-Biphenyl	13.292	154	1033340	36.529	ng	98
47) 2-Chloronaphthalene	13.333	162	792906	37.540	ng	98
48) 2-Nitroaniline	13.557	65	257992	38.266	ng	94
49) Acenaphthylene	14.180	152	1283415	37.646	ng	100
50) Dimethylphthalate	13.927	163	1022963	38.974	ng	100
51) 2,6-Dinitrotoluene	14.057	165	221103	40.655	ng	97
52) Acenaphthene	14.527	154	758399	36.927	ng	99
53) 3-Nitroaniline	14.392	138	232843	37.589	ng	94
54) 2,4-Dinitrophenol	14.610	184	134187	39.707	ng	88
55) Dibenzofuran	14.863	168	1248213	37.250	ng	99
56) 4-Nitrophenol	14.716	139	169125	37.313	ng	96
57) 2,4-Dinitrotoluene	14.851	165	300089	39.160	ng	94
58) Fluorene	15.515	166	989018	37.414	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	279234	41.025	ng	96
60) Diethylphthalate	15.292	149	1029587	40.563	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	528245	39.878	ng	99
62) 4-Nitroaniline	15.563	138	214573	37.943	ng	98
63) Azobenzene	15.804	77	1028604	36.995	ng	97
65) 4,6-Dinitro-2-methylph...	15.621	198	185376	41.520	ng	89
66) n-Nitrosodiphenylamine	15.733	169	839133	36.609	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	323463	40.029	ng	98
68) Hexachlorobenzene	16.521	284	353266	39.315	ng	95
69) Atrazine	16.692	200	259214	43.062	ng	100
70) Pentachlorophenol	16.874	266	254462	40.897	ng	99
71) Phenanthrene	17.262	178	1475741	36.039	ng	99
72) Anthracene	17.357	178	1526974	37.704	ng	100
73) Carbazole	17.639	167	1360496	37.116	ng	99
74) Di-n-butylphthalate	18.192	149	1807473	43.636	ng	99
75) Fluoranthene	19.292	202	1772849	38.536	ng	99
77) Benzidine	19.492	184	480306	53.368	ng	100
78) Pyrene	19.656	202	1829738	39.625	ng	100
80) Butylbenzylphthalate	20.556	149	808655	47.956	ng	99
81) Benzo(a)anthracene	21.409	228	1743221	38.943	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	610769	41.814	ng	99
83) Chrysene	21.468	228	1634964	37.762	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1197564	44.894	ng	# 97
85) Di-n-octyl phthalate	22.250	149	1973470	46.307	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	1974057	37.078	ng	96
88) Benzo(b)fluoranthene	23.080	252	1646288	38.269	ng	98
89) Benzo(k)fluoranthene	23.127	252	1654452	37.598	ng	98
90) Benzo(a)pyrene	23.697	252	1596724	38.629	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	1667391	37.548	ng	97
92) Benzo(g,h,i)perylene	27.009	276	1586346	36.509	ng	97

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

