

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041254.D
 Acq On : 03 Aug 2023 08:56
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Aug 04 01:14:13 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	149418	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	594102	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	362951	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	782693	20.000	ng	0.00
76) Chrysene-d12	21.427	240	691504	20.000	ng	0.00
86) Perylene-d12	23.803	264	753106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	712868	71.306	ng	0.00
7) Phenol-d6	6.981	99	952895	73.532	ng	0.00
23) Nitrobenzene-d5	8.969	82	934430	73.144	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	440559	85.816	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2105871	73.295	ng	0.00
79) Terphenyl-d14	19.862	244	3170084	82.887	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	135469	31.676	ng	97
3) Pyridine	3.663	79	399078	35.489	ng	97
4) n-Nitrosodimethylamine	3.581	42	166707	32.054	ng	91
6) Aniline	7.128	93	581206	38.324	ng	99
8) 2-Chlorophenol	7.357	128	370826	37.995	ng	98
9) Benzaldehyde	6.940	77	243634m	35.630	ng	
10) Phenol	7.004	94	463825	37.058	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	380564	37.563	ng	96
12) 1,3-Dichlorobenzene	7.681	146	397454	37.412	ng	98
13) 1,4-Dichlorobenzene	7.828	146	408443	38.250	ng	99
14) 1,2-Dichlorobenzene	8.145	146	392402	38.326	ng	100
15) Benzyl Alcohol	8.051	79	355295	43.415	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	472127	34.975	ng	97
17) 2-Methylphenol	8.257	107	341508	39.938	ng	99
18) Hexachloroethane	8.863	117	154971	38.983	ng	90
19) n-Nitroso-di-n-propyla...	8.616	70	326584	41.491	ng	96
20) 3+4-Methylphenols	8.587	107	466716	40.821	ng	98
22) Acetophenone	8.634	105	584853	37.170	ng	# 98
24) Nitrobenzene	9.016	77	469540	36.344	ng	99
25) Isophorone	9.539	82	881719	40.658	ng	99
26) 2-Nitrophenol	9.722	139	220512	43.662	ng	95
27) 2,4-Dimethylphenol	9.786	122	346127	38.947	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	515649	37.960	ng	99
29) 2,4-Dichlorophenol	10.257	162	366558	40.901	ng	99
30) 1,2,4-Trichlorobenzene	10.463	180	392057	39.595	ng	99
31) Naphthalene	10.651	128	1189798	36.905	ng	99
32) Benzoic acid	9.963	122	296335	44.934	ng	99
33) 4-Chloroaniline	10.780	127	525285	40.771	ng	98
34) Hexachlorobutadiene	10.922	225	250624	42.085	ng	99
35) Caprolactam	11.604	113	118639	45.761	ng	# 87
36) 4-Chloro-3-methylphenol	11.916	107	390672	41.416	ng	98
37) 2-Methylnaphthalene	12.275	142	863792	39.742	ng	100
38) 1-Methylnaphthalene	12.492	142	804053	39.525	ng	99
40) 1,2,4,5-Tetrachloroben...	12.639	216	452967	38.435	ng	99
41) Hexachlorocyclopentadiene	12.604	237	230075	36.900	ng	99
43) 2,4,6-Trichlorophenol	12.892	196	314488	41.633	ng	100

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44) 2,4,5-Trichlorophenol	12.969	196	362995	41.519	ng	96
46) 1,1'-Biphenyl	13.292	154	1069164	36.336	ng	99
47) 2-Chloronaphthalene	13.333	162	820909	37.365	ng	98
48) 2-Nitroaniline	13.557	65	277929	39.631	ng	97
49) Acenaphthylene	14.186	152	1336663	37.694	ng	100
50) Dimethylphthalate	13.933	163	1088260	39.860	ng	99
51) 2,6-Dinitrotoluene	14.063	165	236722	41.846	ng	91
52) Acenaphthene	14.527	154	789450	36.954	ng	99
53) 3-Nitroaniline	14.392	138	252387	39.063	ng	93
54) 2,4-Dinitrophenol	14.610	184	146467	41.379	ng	90
55) Dibenzofuran	14.863	168	1305402	37.453	ng	100
56) 4-Nitrophenol	14.716	139	194861	41.331	ng	96
57) 2,4-Dinitrotoluene	14.857	165	320976	40.192	ng	95
58) Fluorene	15.515	166	1046443	38.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	296421	41.869	ng	97
60) Diethylphthalate	15.292	149	1092399	41.375	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	555950	40.349	ng	97
62) 4-Nitroaniline	15.563	138	233032	39.433	ng	98
63) Azobenzene	15.804	77	1086534	37.569	ng	98
65) 4,6-Dinitro-2-methylph...	15.621	198	199360	42.046	ng	90
66) n-Nitrosodiphenylamine	15.733	169	884444	36.334	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	340886	39.723	ng	99
68) Hexachlorobenzene	16.521	284	373177	39.107	ng	97
69) Atrazine	16.698	200	278435	43.556	ng	98
70) Pentachlorophenol	16.874	266	277184	41.949	ng	100
71) Phenanthrene	17.268	178	1578791	36.305	ng	100
72) Anthracene	17.357	178	1636627	38.053	ng	100
73) Carbazole	17.639	167	1460341	37.514	ng	99
74) Di-n-butylphthalate	18.192	149	1925826	43.780	ng	99
75) Fluoranthene	19.292	202	1895715	38.802	ng	99
77) Benzidine	19.492	184	365422	38.771	ng	100
78) Pyrene	19.656	202	1946983	40.262	ng	100
80) Butylbenzylphthalate	20.556	149	861107	48.762	ng	98
81) Benzo(a)anthracene	21.415	228	1840136	39.253	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	638232	41.723	ng	99
83) Chrysene	21.468	228	1750485	38.606	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1268438	45.376	ng	# 97
85) Di-n-octyl phthalate	22.250	149	2088044	46.784	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	1980123	35.762	ng	96
88) Benzo(b)fluoranthene	23.080	252	1726351	38.587	ng	99
89) Benzo(k)fluoranthene	23.127	252	1739148	38.002	ng	99
90) Benzo(a)pyrene	23.697	252	1661335	38.646	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	1669929	36.159	ng	98
92) Benzo(g,h,i)perylene	27.015	276	1582646	35.023	ng	96

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

