

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
 Data File : BM041165.D
 Acq On : 28 Jul 2023 14:38
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 29 00:13:25 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 23:54:24 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	211979	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	724308	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	384767	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	774861	20.000	ng	0.00
76) Chrysene-d12	21.433	240	753614	20.000	ng	0.00
86) Perylene-d12	23.803	264	828220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2159982	152.292	ng	0.00
7) Phenol-d6	6.993	99	2799500	152.273	ng	0.01
23) Nitrobenzene-d5	8.987	82	2519357	161.757	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	938843	172.508	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	4915960	161.398	ng	0.00
79) Terphenyl-d14	19.868	244	6719972	161.224	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	443993	73.177	ng	99
3) Pyridine	3.675	79	1244091m	78.228	ng	
4) n-Nitrosodimethylamine	3.593	42	558246	75.660	ng	93
6) Aniline	7.146	93	1641113	76.275	ng	100
8) 2-Chlorophenol	7.375	128	1035410	74.780	ng	99
10) Phenol	7.016	94	1344968	75.745	ng	99
11) bis(2-Chloroethyl)ether	7.246	93	1081650	75.254	ng	99
12) 1,3-Dichlorobenzene	7.693	146	1118549	74.214	ng	100
13) 1,4-Dichlorobenzene	7.840	146	1125580	74.301	ng	100
14) 1,2-Dichlorobenzene	8.157	146	1067555	73.496	ng	99
15) Benzyl Alcohol	8.063	79	924350	79.615	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1394876	72.836	ng	99
17) 2-Methylphenol	8.263	107	919215	75.773	ng	100
18) Hexachloroethane	8.881	117	427995	75.888	ng	96
19) n-Nitroso-di-n-propyla...	8.634	70	847235	75.871	ng	99
20) 3+4-Methylphenols	8.598	107	1247084	76.885	ng	100
22) Acetophenone	8.645	105	1539380	80.248	ng	# 99
24) Nitrobenzene	9.028	77	1262582	80.161	ng	99
25) Isophorone	9.557	82	2180367	82.468	ng	100
26) 2-Nitrophenol	9.734	139	545313	88.564	ng	98
27) 2,4-Dimethylphenol	9.798	122	891494	82.280	ng	99
28) bis(2-Chloroethoxy)met...	10.039	93	1319673	79.684	ng	99
29) 2,4-Dichlorophenol	10.269	162	908051	83.107	ng	98
30) 1,2,4-Trichlorobenzene	10.481	180	978817	81.082	ng	99
31) Naphthalene	10.669	128	3088679	78.582	ng	100
32) Benzoic acid	9.992	122	701725	80.534	ng	98
33) 4-Chloroaniline	10.792	127	1287860	81.989	ng	99
34) Hexachlorobutadiene	10.939	225	591556	81.477	ng	98
35) Caprolactam	11.622	113	270480	85.574	ng	96
36) 4-Chloro-3-methylphenol	11.928	107	943921	82.078	ng	98
37) 2-Methylnaphthalene	12.286	142	2126303	80.242	ng	99
38) 1-Methylnaphthalene	12.504	142	1976183	79.681	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	1031727	82.579	ng	100
41) Hexachlorocyclopentadiene	12.622	237	608867	92.116	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	688340	85.959	ng	98
44) 2,4,5-Trichlorophenol	12.975	196	791584	85.406	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.304	154	2507883	80.400	ng	100
47) 2-Chloronaphthalene	13.345	162	1886380	80.993	ng	98
48) 2-Nitroaniline	13.569	65	663650	89.268	ng	99
49) Acenaphthylene	14.198	152	3083195	82.015	ng	100
50) Dimethylphthalate	13.945	163	2336159	80.716	ng	100
51) 2,6-Dinitrotoluene	14.069	165	507874	84.688	ng	98
52) Acenaphthene	14.539	154	1828270	80.729	ng	99
53) 3-Nitroaniline	14.404	138	567013	79.898	ng	97
54) 2,4-Dinitrophenol	14.616	184	325764	80.408	ng	91
55) Dibenzofuran	14.874	168	2947121	79.761	ng	100
56) 4-Nitrophenol	14.716	139	444495	88.935	ng	98
57) 2,4-Dinitrotoluene	14.863	165	698977	79.747	ng	96
58) Fluorene	15.527	166	2370464	81.322	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	622578	82.952	ng	99
60) Diethylphthalate	15.310	149	2282516	81.550	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	1213557	83.081	ng	98
62) 4-Nitroaniline	15.574	138	531758	80.101	ng	99
63) Azobenzene	15.816	77	2522287	82.269	ng	99
65) 4,6-Dinitro-2-methylph...	15.627	198	416955	88.826	ng	96
66) n-Nitrosodiphenylamine	15.745	169	1964075	81.501	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	707967	83.332	ng	100
68) Hexachlorobenzene	16.527	284	773841	81.915	ng	98
69) Atrazine	16.704	200	498659	78.794	ng	100
70) Pentachlorophenol	16.880	266	578942	88.502	ng	99
71) Phenanthrene	17.274	178	3469275	80.584	ng	99
72) Anthracene	17.363	178	3557355	83.547	ng	100
73) Carbazole	17.645	167	3209097	83.271	ng	100
74) Di-n-butylphthalate	18.204	149	3756529	86.261	ng	99
75) Fluoranthene	19.298	202	4064920	84.042	ng	99
77) Benzidine	19.498	184	885865	85.850	ng	99
78) Pyrene	19.662	202	4251930	80.680	ng	99
80) Butylbenzylphthalate	20.568	149	1692656	87.951	ng	99
81) Benzo(a)anthracene	21.421	228	4179223	81.803	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	1415877	84.931	ng	100
83) Chrysene	21.474	228	3972204	80.384	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	2441281	78.191	ng	# 97
85) Di-n-octyl phthalate	22.262	149	4130026	84.910	ng	99
87) Indeno(1,2,3-cd)pyrene	26.268	276	5121510	84.108	ng	99
88) Benzo(b)fluoranthene	23.086	252	4076838	82.860	ng	99
89) Benzo(k)fluoranthene	23.139	252	4156900	82.595	ng	99
90) Benzo(a)pyrene	23.703	252	3982681	84.244	ng	99
91) Dibenzo(a,h)anthracene	26.280	278	4332052	85.295	ng	98
92) Benzo(g,h,i)perylene	27.021	276	4065727	81.811	ng	99

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

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