

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
 Data File : BM040219.D
 Acq On : 13 Jun 2023 11:10
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 18:59:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 18:52:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	356668	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1573185	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	968004	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2083522	20.000	ng	0.00
76) Chrysene-d12	21.538	240	1952333	20.000	ng	0.00
86) Perylene-d12	23.974	264	2194663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	489124	21.263	ng	0.00
7) Phenol-d6	7.134	99	648374	20.673	ng	0.00
23) Nitrobenzene-d5	9.145	82	580982	19.338	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	250462	18.548	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	1404360	19.914	ng	0.00
79) Terphenyl-d14	19.974	244	2106948	20.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	101456	11.043	ng	100
3) Pyridine	3.798	79	272136	10.483	ng	97
4) n-Nitrosodimethylamine	3.710	42	122418	10.393	ng	# 99
6) Aniline	7.298	93	390853	10.154	ng	99
8) 2-Chlorophenol	7.539	128	252810	10.327	ng	96
9) Benzaldehyde	7.110	77	195357m	11.175	ng	
10) Phenol	7.163	94	312954	10.200	ng	98
11) bis(2-Chloroethyl)ether	7.398	93	264431	10.393	ng	98
12) 1,3-Dichlorobenzene	7.863	146	268336	10.617	ng	97
13) 1,4-Dichlorobenzene	8.016	146	266947	10.433	ng	99
14) 1,2-Dichlorobenzene	8.333	146	264452	10.570	ng	99
15) Benzyl Alcohol	8.216	79	220443	9.800	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.516	45	366266m	10.423	ng	
17) 2-Methylphenol	8.422	107	223468	9.929	ng	99
18) Hexachloroethane	9.063	117	94323	9.992	ng	97
19) n-Nitroso-di-n-propyla...	8.786	70	210963	10.014	ng	99
20) 3+4-Methylphenols	8.751	107	306588	9.958	ng	98
22) Acetophenone	8.804	105	407128	9.942	ng	# 99
24) Nitrobenzene	9.186	77	299725	9.720	ng	99
25) Isophorone	9.716	82	561837	9.625	ng	100
26) 2-Nitrophenol	9.904	139	117437	8.912	ng	98
27) 2,4-Dimethylphenol	9.957	122	240210	9.803	ng	98
28) bis(2-Chloroethoxy)met...	10.198	93	365555	9.963	ng	99
29) 2,4-Dichlorophenol	10.433	162	221179	9.528	ng	98
30) 1,2,4-Trichlorobenzene	10.651	180	235355	9.949	ng	98
31) Naphthalene	10.839	128	856817	10.138	ng	99
32) Benzoic acid	10.039	122	110937	10.904	ng	96
33) 4-Chloroaniline	10.951	127	368005	9.734	ng	100
34) Hexachlorobutadiene	11.127	225	130335	9.800	ng	98
35) Caprolactam	11.716	113	74079	9.157	ng	98
36) 4-Chloro-3-methylphenol	12.069	107	264002	9.804	ng	99
37) 2-Methylnaphthalene	12.445	142	609147	10.166	ng	98
38) 1-Methylnaphthalene	12.668	142	570424	10.079	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	255690	9.499	ng	100
41) Hexachlorocyclopentadiene	12.792	237	126424	8.538	ng	99
43) 2,4,6-Trichlorophenol	13.051	196	171499	9.188	ng	97

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44) 2,4,5-Trichlorophenol	13.121	196	208107	9.359	ng	98
46) 1,1'-Biphenyl	13.451	154	764032	10.000	ng	99
47) 2-Chloronaphthalene	13.498	162	554242	9.795	ng	99
48) 2-Nitroaniline	13.698	65	162806	8.728	ng	96
49) Acenaphthylene	14.339	152	923048	9.780	ng	99
50) Dimethylphthalate	14.074	163	779605	10.121	ng	100
51) 2,6-Dinitrotoluene	14.192	165	149914	9.565	ng	96
52) Acenaphthene	14.680	154	570166	9.902	ng	99
53) 3-Nitroaniline	14.521	138	173854	9.337	ng	98
54) 2,4-Dinitrophenol	14.727	184	59523	11.090	ng	99
55) Dibenzofuran	15.015	168	923492	10.138	ng	99
56) 4-Nitrophenol	14.821	139	132273	9.088	ng	99
57) 2,4-Dinitrotoluene	14.974	165	197671	9.359	ng	96
58) Fluorene	15.662	166	742124	10.007	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	173042	9.567	ng	99
60) Diethylphthalate	15.433	149	791057	9.995	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	349671	9.587	ng	95
62) 4-Nitroaniline	15.680	138	176222	9.210	ng	96
63) Azobenzene	15.945	77	785733	9.886	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	95440	7.640	ng	97
66) n-Nitrosodiphenylamine	15.868	169	637750	9.700	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	203675	9.338	ng	97
68) Hexachlorobenzene	16.662	284	231902	9.625	ng	97
69) Atrazine	16.815	200	188399	9.575	ng	98
70) Pentachlorophenol	17.009	266	148554	8.600	ng	99
71) Phenanthrene	17.403	178	1152196	9.938	ng	99
72) Anthracene	17.492	178	1126472	9.622	ng	100
73) Carbazole	17.762	167	1086337	9.862	ng	99
74) Di-n-butylphthalate	18.327	149	1301715	9.528	ng	99
75) Fluoranthene	19.415	202	1246940	9.704	ng	99
77) Benzidine	19.597	184	361792	9.979	ng	99
78) Pyrene	19.774	202	1324193	9.888	ng	99
80) Butylbenzylphthalate	20.668	149	560287	9.134	ng	94
81) Benzo(a)anthracene	21.521	228	1288359	9.686	ng	98
82) 3,3'-Dichlorobenzidine	21.456	252	422039	9.265	ng	100
83) Chrysene	21.574	228	1232083	9.788	ng	98
84) Bis(2-ethylhexyl)phtha...	21.444	149	877273	9.451	ng	96
85) Di-n-octyl phthalate	22.380	149	1457378	9.399	ng	99
87) Indeno(1,2,3-cd)pyrene	26.503	276	1410247	9.701	ng	98
88) Benzo(b)fluoranthene	23.227	252	1186431	9.032	ng	99
89) Benzo(k)fluoranthene	23.280	252	1264253	9.358	ng	98
90) Benzo(a)pyrene	23.862	252	1143294	9.175	ng	98
91) Dibenzo(a,h)anthracene	26.521	278	1165755	9.429	ng	98
92) Benzo(g,h,i)perylene	27.273	276	1110859	10.039	ng	96

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

