

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
 Data File : BM039918.D
 Acq On : 12 May 2023 14:48
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 13 02:07:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 13 02:01:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	524362	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	2252102	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	1359011	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	2739625	20.000	ng	0.00
76) Chrysene-d12	21.588	240	2861833	20.000	ng	0.00
86) Perylene-d12	24.053	264	2470699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	3090424	95.779	ng	0.00
7) Phenol-d6	7.189	99	4224560	98.261	ng	0.00
23) Nitrobenzene-d5	9.207	82	4040993	105.088	ng	0.00
42) 2,4,6-Tribromophenol	16.159	330	2449815	97.649	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	11328601	106.630	ng	0.00
79) Terphenyl-d14	20.024	244	13528887	85.558	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.431	88	548470	44.989	ng	98
3) Pyridine	3.837	79	1667855m	48.317	ng	
4) n-Nitrosodimethylamine	3.748	42	579548	46.652	ng	97
6) Aniline	7.360	93	2651218	49.584	ng	98
8) 2-Chlorophenol	7.595	128	1804488	49.985	ng	98
9) Benzaldehyde	7.166	77	910446m	50.585	ng	
10) Phenol	7.213	94	2095185	48.496	ng	99
11) bis(2-Chloroethyl)ether	7.454	93	1760756	48.668	ng	99
12) 1,3-Dichlorobenzene	7.925	146	1812200	48.506	ng	99
13) 1,4-Dichlorobenzene	8.072	146	1853480	48.369	ng	100
14) 1,2-Dichlorobenzene	8.395	146	1829897	48.294	ng	99
15) Benzyl Alcohol	8.278	79	1476937	51.575	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.578	45	1896726	47.217	ng	99
17) 2-Methylphenol	8.478	107	1577889	49.710	ng	99
18) Hexachloroethane	9.130	117	667332	50.053	ng	95
19) n-Nitroso-di-n-propyla...	8.854	70	1466201	51.382	ng	98
20) 3+4-Methylphenols	8.807	107	2125410	50.363	ng	98
22) Acetophenone	8.866	105	2929712	49.323	ng	# 99
24) Nitrobenzene	9.248	77	1979381	50.918	ng	100
25) Isophorone	9.777	82	3967820	50.102	ng	99
26) 2-Nitrophenol	9.960	139	806279	49.399	ng	99
27) 2,4-Dimethylphenol	10.019	122	1729252	51.335	ng	99
28) bis(2-Chloroethoxy)met...	10.266	93	2418424	49.828	ng	99
29) 2,4-Dichlorophenol	10.495	162	1664244	52.011	ng	99
30) 1,2,4-Trichlorobenzene	10.719	180	1749687	50.015	ng	98
31) Naphthalene	10.907	128	5986170	48.990	ng	100
32) Benzoic acid	10.172	122	1036606	47.745	ng	96
33) 4-Chloroaniline	11.013	127	2750808	51.435	ng	99
34) Hexachlorobutadiene	11.195	225	1007759	50.541	ng	99
35) Caprolactam	11.801	113	540085	56.174	ng	93
36) 4-Chloro-3-methylphenol	12.124	107	1782397	52.111	ng	99
37) 2-Methylnaphthalene	12.507	142	4421194	50.792	ng	99
38) 1-Methylnaphthalene	12.724	142	4193029	51.136	ng	99
40) 1,2,4,5-Tetrachloroben...	12.871	216	2097535	51.162	ng	99
41) Hexachlorocyclopentadiene	12.860	237	969905	48.589	ng	98
43) 2,4,6-Trichlorophenol	13.107	196	1332671	53.206	ng	99

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44) 2,4,5-Trichlorophenol	13.177	196	1562648	52.878	ng	99
46) 1,1'-Biphenyl	13.513	154	5625040	49.964	ng	100
47) 2-Chloronaphthalene	13.554	162	4164827	49.874	ng	99
48) 2-Nitroaniline	13.754	65	1033681	48.976	ng	95
49) Acenaphthylene	14.395	152	6859823	50.941	ng	99
50) Dimethylphthalate	14.136	163	5421294	51.154	ng	100
51) 2,6-Dinitrotoluene	14.248	165	1066157	48.344	ng	99
52) Acenaphthene	14.736	154	4509638m	51.402	ng	
53) 3-Nitroaniline	14.577	138	1247132	49.052	ng	94
54) 2,4-Dinitrophenol	14.771	184	404824	49.846	ng	99
55) Dibenzofuran	15.071	168	6599840	50.470	ng	99
56) 4-Nitrophenol	14.865	139	998426	54.292	ng	99
57) 2,4-Dinitrotoluene	15.030	165	1423562	48.791	ng	91
58) Fluorene	15.718	166	6067081	52.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.289	232	1313589	54.050	ng	98
60) Diethylphthalate	15.495	149	5680581	51.985	ng	99
61) 4-Chlorophenyl-phenyle...	15.712	204	3034825	53.223	ng	98
62) 4-Nitroaniline	15.736	138	1398346	51.160	ng	99
63) Azobenzene	16.006	77	5132829	49.099	ng	99
65) 4,6-Dinitro-2-methylph...	15.789	198	621578	49.405	ng	99
66) n-Nitrosodiphenylamine	15.924	169	4842795	51.294	ng	99
67) 4-Bromophenyl-phenylether	16.606	248	1676020	52.578	ng	99
68) Hexachlorobenzene	16.718	284	1939106	51.667	ng	98
69) Atrazine	16.877	200	1319209	54.682	ng	99
70) Pentachlorophenol	17.059	266	1298551	53.524	ng	98
71) Phenanthrene	17.459	178	8380586	51.816	ng	99
72) Anthracene	17.548	178	8673311	53.587	ng	98
73) Carbazole	17.812	167	7799850	53.393	ng	100
74) Di-n-butylphthalate	18.389	149	9788119	59.438	ng	99
75) Fluoranthene	19.465	202	9494399	58.459	ng	100
77) Benzidine	19.647	184	1899184	49.346	ng	100
78) Pyrene	19.830	202	9993822	49.191	ng	99
80) Butylbenzylphthalate	20.730	149	3827185	48.720	ng	96
81) Benzo(a)anthracene	21.571	228	10248339	52.128	ng	99
82) 3,3'-Dichlorobenzidine	21.506	252	3170075	49.906	ng	99
83) Chrysene	21.630	228	9509898	51.350	ng	98
84) Bis(2-ethylhexyl)phtha...	21.506	149	6937561	49.610	ng	99
85) Di-n-octyl phthalate	22.465	149	9911806	50.645	ng	99
87) Indeno(1,2,3-cd)pyrene	26.635	276	8984903	51.377	ng	99
88) Benzo(b)fluoranthene	23.300	252	8879063	55.036	ng	100
89) Benzo(k)fluoranthene	23.353	252	9273074	53.278	ng	99
90) Benzo(a)pyrene	23.947	252	8184476	54.886	ng	99
91) Dibenzo(a,h)anthracene	26.653	278	7880180	51.949	ng	99
92) Benzo(g,h,i)perylene	27.423	276	6385654	48.879	ng	99

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

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