

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041723\
 Data File : BM039442.D
 Acq On : 17 Apr 2023 16:02
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/18/2023
 Supervised By : Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 02:53:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 02:48:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	177937	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	844735	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	561440	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1236249	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1183865	20.000	ng	0.00
86) Perylene-d12	23.821	264	1301195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	211671	19.436	ng	0.00
7) Phenol-d6	7.034	99	302425	18.895	ng	0.00
23) Nitrobenzene-d5	9.010	82	327227	18.970	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	140625	19.302	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	799225	19.696	ng	0.00
79) Terphenyl-d14	19.880	244	1300294	19.815	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	46494	10.334	ng	97
3) Pyridine	3.675	79	124122m	9.370	ng	
4) n-Nitrosodimethylamine	3.587	42	52888	9.794	ng	# 97
6) Aniline	7.169	93	192258	9.521	ng	99
8) 2-Chlorophenol	7.410	128	120952	9.793	ng	99
9) Benzaldehyde	6.987	77	90659	10.989	ng	99
10) Phenol	7.063	94	150208	9.567	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	136993	10.174	ng	99
12) 1,3-Dichlorobenzene	7.728	146	131666	10.231	ng	98
13) 1,4-Dichlorobenzene	7.875	146	131494	10.192	ng	98
14) 1,2-Dichlorobenzene	8.192	146	132730	10.359	ng	100
15) Benzyl Alcohol	8.098	79	120121	10.297	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.381	45	196353	10.337	ng	99
17) 2-Methylphenol	8.310	107	112532	9.707	ng	99
18) Hexachloroethane	8.916	117	52569	10.247	ng	96
19) n-Nitroso-di-n-propyla...	8.657	70	122541	10.118	ng	99
20) 3+4-Methylphenols	8.645	107	155551	9.761	ng	99
22) Acetophenone	8.675	105	215175	9.613	ng	# 97
24) Nitrobenzene	9.057	77	161361	9.498	ng	98
25) Isophorone	9.581	82	345816	9.680	ng	99
26) 2-Nitrophenol	9.775	139	65924	8.599	ng	99
27) 2,4-Dimethylphenol	9.845	122	123935	9.354	ng	99
28) bis(2-Chloroethoxy)met...	10.069	93	194279	9.567	ng	99
29) 2,4-Dichlorophenol	10.322	162	117154	9.132	ng	99
30) 1,2,4-Trichlorobenzene	10.516	180	130618	9.619	ng	99
31) Naphthalene	10.698	128	448289	9.821	ng	99
32) Benzoic acid	9.969	122	63475m	11.187	ng	
33) 4-Chloroaniline	10.833	127	171918	8.916	ng	100
34) Hexachlorobutadiene	10.980	225	78065	9.681	ng	99
35) Caprolactam	11.610	113	47078m	9.198	ng	
36) 4-Chloro-3-methylphenol	11.975	107	145011	9.287	ng	97
37) 2-Methylnaphthalene	12.316	142	328523	9.794	ng	99
38) 1-Methylnaphthalene	12.533	142	310370	9.819	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	156624	9.564	ng	99
41) Hexachlorocyclopentadiene	12.657	237	58645	10.678	ng	98
43) 2,4,6-Trichlorophenol	12.939	196	103158	9.144	ng	99

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44) 2,4,5-Trichlorophenol	13.022	196	121742	9.131	ng	99
46) 1,1'-Biphenyl	13.333	154	422758	9.774	ng	100
47) 2-Chloronaphthalene	13.374	162	310749	9.664	ng	100
48) 2-Nitroaniline	13.598	65	99401	9.041	ng	98
49) Acenaphthylene	14.221	152	537494	9.773	ng	100
50) Dimethylphthalate	13.957	163	445707	9.807	ng	100
51) 2,6-Dinitrotoluene	14.086	165	92068	9.529	ng	98
52) Acenaphthene	14.563	154	319091	9.799	ng	99
53) 3-Nitroaniline	14.427	138	82740	8.392	ng	98
54) 2,4-Dinitrophenol	14.645	184	32823	10.759	ng	92
55) Dibenzofuran	14.898	168	522056	9.976	ng	98
56) 4-Nitrophenol	14.774	139	42816	10.381	ng	99
57) 2,4-Dinitrotoluene	14.880	165	121482	9.198	ng	95
58) Fluorene	15.545	166	424817	10.009	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	104528	9.519	ng	99
60) Diethylphthalate	15.321	149	465921	9.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	208607	9.916	ng	99
62) 4-Nitroaniline	15.592	138	70305m	9.565	ng	
63) Azobenzene	15.833	77	450022	9.801	ng	98
65) 4,6-Dinitro-2-methylph...	15.645	198	64180	8.291	ng	98
66) n-Nitrosodiphenylamine	15.763	169	365720	9.758	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	124514	9.568	ng	98
68) Hexachlorobenzene	16.551	284	137818	9.753	ng	99
69) Atrazine	16.715	200	124031	9.864	ng	98
70) Pentachlorophenol	16.910	266	86574	8.773	ng	96
71) Phenanthrene	17.292	178	654537	9.764	ng	100
72) Anthracene	17.386	178	674124	9.803	ng	99
73) Carbazole	17.662	167	590578	9.443	ng	99
74) Di-n-butylphthalate	18.221	149	831770	9.567	ng	100
75) Fluoranthene	19.315	202	793659	9.758	ng	98
77) Benzidine	19.509	184	252091	9.397	ng	99
78) Pyrene	19.674	202	836226	9.605	ng	99
80) Butylbenzylphthalate	20.574	149	402940	9.333	ng	99
81) Benzo(a)anthracene	21.427	228	808298	9.614	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	265367	9.562	ng	100
83) Chrysene	21.480	228	792344	9.723	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	632457	9.610	ng	100
85) Di-n-octyl phthalate	22.268	149	1088340	9.617	ng	99
87) Indeno(1,2,3-cd)pyrene	26.279	276	907385	9.490	ng	100
88) Benzo(b)fluoranthene	23.091	252	754547	9.511	ng	99
89) Benzo(k)fluoranthene	23.139	252	829057	9.996	ng	100
90) Benzo(a)pyrene	23.715	252	759242	9.629	ng	99
91) Dibenzo(a,h)anthracene	26.297	278	755692	9.509	ng	99
92) Benzo(g,h,i)perylene	27.038	276	750645	9.529	ng	99

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

