

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
 Data File : BM039968.D
 Acq On : 23 May 2023 11:49
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : mohammad ahmed 05/24/2023

Quant Time: May 24 00:25:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 00:17:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	234460	20.000	ng	0.00
21) Naphthalene-d8	10.834	136	939231	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	473566	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	862748	20.000	ng	0.00
76) Chrysene-d12	21.574	240	702337	20.000	ng	0.00
86) Perylene-d12	24.021	264	661776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	645362	42.222	ng	0.00
7) Phenol-d6	7.163	99	843223	42.291	ng	0.00
23) Nitrobenzene-d5	9.187	82	718783	41.295	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	212251	34.532	ng	0.00
45) 2-Fluorobiphenyl	13.280	172	1618325	40.307	ng	0.00
79) Terphenyl-d14	20.009	244	1870512	41.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	129932	21.049	ng	98
3) Pyridine	3.828	79	361156	21.322	ng	99
4) n-Nitrosodimethylamine	3.740	42	152025	21.115	ng	100
6) Aniline	7.340	93	509085	20.635	ng	99
8) 2-Chlorophenol	7.575	128	331579	20.609	ng	99
9) Benzaldehyde	7.146	77	215379m	22.345	ng	
10) Phenol	7.193	94	418265	20.928	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	336273	20.427	ng	97
12) 1,3-Dichlorobenzene	7.904	146	352615	20.696	ng	99
13) 1,4-Dichlorobenzene	8.051	146	354268	20.437	ng	99
14) 1,2-Dichlorobenzene	8.375	146	348476	20.501	ng	99
15) Benzyl Alcohol	8.251	79	260381	20.259	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.557	45	436465	20.669	ng	99
17) 2-Methylphenol	8.457	107	295518	20.667	ng	99
18) Hexachloroethane	9.104	117	127530	20.292	ng	93
19) n-Nitroso-di-n-propyla...	8.828	70	236779	20.503	ng	98
20) 3+4-Methylphenols	8.787	107	382795	20.287	ng	100
22) Acetophenone	8.845	105	520016	20.513	ng	# 99
24) Nitrobenzene	9.228	77	362563	20.535	ng	99
25) Isophorone	9.751	82	631028	19.880	ng	99
26) 2-Nitrophenol	9.939	139	125962	20.162	ng	99
27) 2,4-Dimethylphenol	9.998	122	282029	19.819	ng	99
28) bis(2-Chloroethoxy)met...	10.239	93	415734	19.977	ng	99
29) 2,4-Dichlorophenol	10.475	162	266348	19.756	ng	99
30) 1,2,4-Trichlorobenzene	10.692	180	293857	19.909	ng	97
31) Naphthalene	10.886	128	1054036	20.339	ng	100
32) Benzoic acid	10.081	122	129593	19.120	ng	94
33) 4-Chloroaniline	10.986	127	430198	19.700	ng	99
34) Hexachlorobutadiene	11.175	225	162544	19.620	ng	99
35) Caprolactam	11.751	113	66394	17.440	ng	96
36) 4-Chloro-3-methylphenol	12.104	107	273512	19.628	ng	98
37) 2-Methylnaphthalene	12.486	142	691172	20.009	ng	99
38) 1-Methylnaphthalene	12.704	142	642239	19.862	ng	98
40) 1,2,4,5-Tetrachloroben...	12.851	216	296629	19.804	ng	99
41) Hexachlorocyclopentadiene	12.839	237	145600	18.791	ng	99
43) 2,4,6-Trichlorophenol	13.086	196	178564	19.641	ng	98

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44) 2,4,5-Trichlorophenol	13.157	196	210429	19.447	ng	98
46) 1,1'-Biphenyl	13.492	154	821533	20.263	ng	99
47) 2-Chloronaphthalene	13.533	162	612818	20.249	ng	99
48) 2-Nitroaniline	13.733	65	143471	19.146	ng	98
49) Acenaphthylene	14.374	152	963257	20.331	ng	100
50) Dimethylphthalate	14.110	163	705202	19.754	ng	100
51) 2,6-Dinitrotoluene	14.227	165	134436	19.685	ng	98
52) Acenaphthene	14.716	154	614577	19.853	ng	100
53) 3-Nitroaniline	14.551	138	158242	19.587	ng	97
54) 2,4-Dinitrophenol	14.751	184	48786	19.587	ng	94
55) Dibenzofuran	15.051	168	920112	20.134	ng	99
56) 4-Nitrophenol	14.845	139	122479	19.598	ng	99
57) 2,4-Dinitrotoluene	15.004	165	165353	19.251	ng	93
58) Fluorene	15.698	166	756832	19.923	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.269	232	151891	18.875	ng	97
60) Diethylphthalate	15.469	149	694880	19.693	ng	99
61) 4-Chlorophenyl-phenyle...	15.692	204	354811	19.090	ng	97
62) 4-Nitroaniline	15.710	138	168279	20.001	ng	100
63) Azobenzene	15.986	77	741329	21.072	ng	99
65) 4,6-Dinitro-2-methylph...	15.763	198	67864	19.782	ng	92
66) n-Nitrosodiphenylamine	15.904	169	587455	19.800	ng	99
67) 4-Bromophenyl-phenylether	16.586	248	180813	18.967	ng	99
68) Hexachlorobenzene	16.698	284	208812	19.168	ng	99
69) Atrazine	16.851	200	145510	19.717	ng	97
70) Pentachlorophenol	17.039	266	125200	17.507	ng	97
71) Phenanthrene	17.439	178	1023253	19.829	ng	100
72) Anthracene	17.527	178	1003235	19.621	ng	99
73) Carbazole	17.792	167	907114	19.637	ng	99
74) Di-n-butylphthalate	18.362	149	981486	19.013	ng	100
75) Fluoranthene	19.445	202	979639	19.047	ng	97
77) Benzidine	19.633	184	245211	22.483	ng	100
78) Pyrene	19.809	202	1045987	20.296	ng	100
80) Butylbenzylphthalate	20.709	149	326237	18.675	ng	97
81) Benzo(a)anthracene	21.556	228	967372	19.457	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	261781	17.626	ng	# 98
83) Chrysene	21.609	228	933390	19.566	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	557540	18.872	ng	# 96
85) Di-n-octyl phthalate	22.433	149	765953	19.349	ng	98
87) Indeno(1,2,3-cd)pyrene	26.580	276	1004135	19.080	ng	97
88) Benzo(b)fluoranthene	23.274	252	818348	19.315	ng	98
89) Benzo(k)fluoranthene	23.327	252	909719	19.633	ng	99
90) Benzo(a)pyrene	23.915	252	777371	19.132	ng	98
91) Dibenzo(a,h)anthracene	26.597	278	857337	18.870	ng	98
92) Benzo(g,h,i)perylene	27.362	276	770338	19.184	ng	98

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

