

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
 Data File : BG061065.D
 Acq On : 30 Apr 2024 15:40
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 04:52:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 04:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	21317	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	94407	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	84735	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	208321	20.000	ng	0.00
76) Chrysene-d12	21.595	240	199667	20.000	ng	0.00
86) Perylene-d12	24.727	264	235337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.549	112	167566	159.865	ng	0.00
7) Phenol-d6	7.142	99	251807	162.396	ng	0.00
23) Nitrobenzene-d5	9.122	82	314719	165.256	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	267731	158.074	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	933252	162.862	ng	0.00
79) Terphenyl-d14	19.950	244	1920471	159.967	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.464	88	32134	75.822	ng	97
3) Pyridine	3.857	79	99806m	84.432	ng	
4) n-Nitrosodimethylamine	3.769	42	96541	80.573	ng	98
6) Aniline	7.294	93	118470	77.071	ng	94
8) 2-Chlorophenol	7.535	128	104826	81.518	ng	96
9) Benzaldehyde	7.101	77	53497	80.658	ng	99
10) Phenol	7.165	94	128209	81.307	ng	97
11) bis(2-Chloroethyl)ether	7.388	93	88179	80.947	ng	96
12) 1,3-Dichlorobenzene	7.853	146	119123	78.579	ng	98
13) 1,4-Dichlorobenzene	8.000	146	122976	78.489	ng	97
14) 1,2-Dichlorobenzene	8.317	146	122194	80.836	ng	97
15) Benzyl Alcohol	8.199	79	115209	82.366	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.493	45	195739	82.808	ng	98
17) 2-Methylphenol	8.405	107	94950	84.496	ng	97
18) Hexachloroethane	9.045	117	44821	80.171	ng	86
19) n-Nitroso-di-n-propyla...	8.775	70	93517	80.590	ng	92
20) 3+4-Methylphenols	8.740	107	135636	83.662	ng	97
22) Acetophenone	8.787	105	190149	80.876	ng	# 98
24) Nitrobenzene	9.169	77	153370	82.321	ng	98
25) Isophorone	9.686	82	279037	79.264	ng	98
26) 2-Nitrophenol	9.874	139	72497	82.131	ng	98
27) 2,4-Dimethylphenol	9.938	122	83072	81.630	ng	99
28) bis(2-Chloroethoxy)met...	10.168	93	138250	80.018	ng	97
29) 2,4-Dichlorophenol	10.414	162	132475	83.082	ng	100
30) 1,2,4-Trichlorobenzene	10.620	180	156642	81.531	ng	97
31) Naphthalene	10.808	128	397443	81.003	ng	100
32) Benzoic acid	10.126	122	103571m	92.189	ng	
33) 4-Chloroaniline	10.920	127	161346	82.454	ng	98
34) Hexachlorobutadiene	11.096	225	133141	80.765	ng	96
35) Caprolactam	11.713	113	44171	76.924	ng	96
36) 4-Chloro-3-methylphenol	12.048	107	156713	81.506	ng	96
37) 2-Methylnaphthalene	12.418	142	298313	81.135	ng	98
38) 1-Methylnaphthalene	12.635	142	299694	80.966	ng	97
40) 1,2,4,5-Tetrachloroben...	12.782	216	235619	83.320	ng	98
41) Hexachlorocyclopentadiene	12.765	237	97836	90.376	ng	96
43) 2,4,6-Trichlorophenol	13.023	196	150854	83.092	ng	97

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44) 2,4,5-Trichlorophenol	13.099	196	168587	82.048	ng	97
46) 1,1'-Biphenyl	13.423	154	440083	81.001	ng	99
47) 2-Chloronaphthalene	13.464	162	354458	81.475	ng	99
48) 2-Nitroaniline	13.669	65	131775	81.625	ng	100
49) Acenaphthylene	14.310	152	538088	80.529	ng	99
50) Dimethylphthalate	14.051	163	508088	77.632	ng	99
51) 2,6-Dinitrotoluene	14.163	165	109446	78.180	ng	96
52) Acenaphthene	14.656	154	334487	80.244	ng	96
53) 3-Nitroaniline	14.498	138	98829	77.155	ng	91
54) 2,4-Dinitrophenol	14.703	184	79891	80.492	ng	98
55) Dibenzofuran	14.991	168	552861	78.523	ng	100
56) 4-Nitrophenol	14.809	139	80439	77.705	ng	99
57) 2,4-Dinitrotoluene	14.956	165	159090	76.812	ng	# 95
58) Fluorene	15.638	166	479747	78.744	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.215	232	167821	79.342	ng	99
60) Diethylphthalate	15.414	149	503354	76.266	ng	100
61) 4-Chlorophenyl-phenyle...	15.632	204	287809	78.674	ng	98
62) 4-Nitroaniline	15.661	138	108300	77.956	ng	93
63) Azobenzene	15.926	77	402822	78.404	ng	98
65) 4,6-Dinitro-2-methylph...	15.720	198	111321	86.126	ng	98
66) n-Nitrosodiphenylamine	15.849	169	424485	82.170	ng	98
67) 4-Bromophenyl-phenylether	16.525	248	206194	84.022	ng	95
68) Hexachlorobenzene	16.642	284	253143	82.877	ng	99
69) Atrazine	16.795	200	158474	74.385	ng	92
70) Pentachlorophenol	16.989	266	163098	86.916	ng	99
71) Phenanthrene	17.377	178	763119	80.115	ng	99
72) Anthracene	17.471	178	769450	80.955	ng	100
73) Carbazole	17.735	167	648640	77.617	ng	99
74) Di-n-butylphthalate	18.299	149	773781	77.868	ng	99
75) Fluoranthene	19.386	202	1002402	76.816	ng	99
77) Benzidine	19.568	184	307406	78.989	ng	98
78) Pyrene	19.750	202	1030942	81.215	ng	99
80) Butylbenzylphthalate	20.644	149	328227	81.685	ng	96
81) Benzo(a)anthracene	21.572	228	1054077	80.675	ng	99
82) 3,3'-Dichlorobenzidine	21.490	252	378785	80.558	ng	100
83) Chrysene	21.642	228	988241	80.730	ng	98
84) Bis(2-ethylhexyl)phtha...	21.495	149	442015	84.240	ng	99
85) Di-n-octyl phthalate	22.682	149	778321	84.075	ng	99
87) Indeno(1,2,3-cd)pyrene	28.299	276	1275194	81.763	ng	99
88) Benzo(b)fluoranthene	23.740	252	1072274	81.537	ng	99
89) Benzo(k)fluoranthene	23.810	252	1008856	79.861	ng	100
90) Benzo(a)pyrene	24.586	252	924737	80.713	ng	99
91) Dibenzo(a,h)anthracene	28.370	278	1050546	81.338	ng	99
92) Benzo(g,h,i)perylene	29.427	276	1050810	81.870	ng	97

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

