

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
 Data File : BG057201.D
 Acq On : 27 Apr 2023 19:31
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 04:29:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 04:23:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	15464	20.000	ng	0.00
21) Naphthalene-d8	11.222	136	63035	20.000	ng	0.00
39) Acenaphthene-d10	14.993	164	50038	20.000	ng	0.00
64) Phenanthrene-d10	17.731	188	125053	20.000	ng	0.00
76) Chrysene-d12	22.043	240	108313	20.000	ng	0.00
86) Perylene-d12	25.555	264	113240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.894	112	38271	42.335	ng	0.00
7) Phenol-d6	7.515	99	57736	42.058	ng	0.00
23) Nitrobenzene-d5	9.559	82	62737	41.772	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	28266	39.812	ng	0.00
45) 2-Fluorobiphenyl	13.619	172	152775	41.120	ng	0.00
79) Terphenyl-d14	20.298	244	279243	42.073	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.703	88	7856	21.018	ng	98
3) Pyridine	4.126	79	24870	20.704	ng	97
4) n-Nitrosodimethylamine	4.032	42	12057	21.359	ng	95
6) Aniline	7.691	93	36697	21.072	ng	98
8) 2-Chlorophenol	7.938	128	20545	21.508	ng	92
9) Benzaldehyde	7.503	77	18405	22.169	ng	95
10) Phenol	7.544	94	27619	20.639	ng	98
11) bis(2-Chloroethyl)ether	7.779	93	21500	21.306	ng	98
12) 1,3-Dichlorobenzene	8.267	146	22411	21.257	ng	96
13) 1,4-Dichlorobenzene	8.420	146	22572	21.314	ng	98
14) 1,2-Dichlorobenzene	8.743	146	21614	21.142	ng	96
15) Benzyl Alcohol	8.614	79	23390	20.453	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.901	45	27430	21.567	ng	97
17) 2-Methylphenol	8.813	107	20550	21.303	ng	97
18) Hexachloroethane	9.483	117	8103	21.203	ng	96
19) n-Nitroso-di-n-propyla...	9.178	70	22073	21.087	ng	98
20) 3+4-Methylphenols	9.142	107	27668	20.947	ng	96
22) Acetophenone	9.207	105	37910	21.013	ng	# 97
24) Nitrobenzene	9.601	77	31497	20.778	ng	98
25) Isophorone	10.117	82	60118	20.643	ng	96
26) 2-Nitrophenol	10.323	139	11993	20.669	ng	93
27) 2,4-Dimethylphenol	10.358	122	21179	20.845	ng	96
28) bis(2-Chloroethoxy)met...	10.593	93	30115	20.641	ng	96
29) 2,4-Dichlorophenol	10.858	162	21710	20.146	ng	96
30) 1,2,4-Trichlorobenzene	11.075	180	25455	20.480	ng	97
31) Naphthalene	11.269	128	69383	20.589	ng	99
32) Benzoic acid	10.482	122	10115m	20.285	ng	
33) 4-Chloroaniline	11.369	127	31167	20.594	ng	97
34) Hexachlorobutadiene	11.539	225	18931	20.527	ng	96
35) Caprolactam	12.115	113	7706	20.934	ng	89
36) 4-Chloro-3-methylphenol	12.461	107	25123	20.515	ng	97
37) 2-Methylnaphthalene	12.843	142	55089	20.792	ng	94
38) 1-Methylnaphthalene	13.061	142	50377	20.172	ng	99
40) 1,2,4,5-Tetrachloroben...	13.207	216	36342	20.458	ng	98
41) Hexachlorocyclopentadiene	13.178	237	12538	19.823	ng	99
43) 2,4,6-Trichlorophenol	13.437	196	21783	20.128	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.513	196	25756	20.232	ng	95
46) 1,1'-Biphenyl	13.830	154	76205	20.524	ng	94
47) 2-Chloronaphthalene	13.883	162	56625	20.508	ng	98
48) 2-Nitroaniline	14.077	65	18400	19.599	ng	92
49) Acenaphthylene	14.723	152	91776	20.460	ng	98
50) Dimethylphthalate	14.423	163	84340	20.511	ng	98
51) 2,6-Dinitrotoluene	14.559	165	17283	20.586	ng	95
52) Acenaphthene	15.058	154	56892	20.297	ng	97
53) 3-Nitroaniline	14.887	138	16870	20.058	ng	97
54) 2,4-Dinitrophenol	15.099	184	8121	19.576	ng	97
55) Dibenzofuran	15.387	168	97608	20.725	ng	98
56) 4-Nitrophenol	15.187	139	11328	20.251	ng	96
57) 2,4-Dinitrotoluene	15.340	165	25084	20.906	ng	# 97
58) Fluorene	16.033	166	78967	20.356	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.610	232	23348	20.230	ng	99
60) Diethylphthalate	15.769	149	86967	20.826	ng	100
61) 4-Chlorophenyl-phenyle...	16.009	204	47339	20.256	ng	95
62) 4-Nitroaniline	16.045	138	17353	20.452	ng	99
63) Azobenzene	16.303	77	82679	20.521	ng	99
65) 4,6-Dinitro-2-methylph...	16.103	198	15030	20.131	ng	96
66) n-Nitrosodiphenylamine	16.227	169	69392	20.431	ng	98
67) 4-Bromophenyl-phenylether	16.902	248	31078	20.358	ng	99
68) Hexachlorobenzene	17.038	284	29819	20.100	ng	99
69) Atrazine	17.155	200	26563	20.502	ng	96
70) Pentachlorophenol	17.384	266	15938	18.642	ng	94
71) Phenanthrene	17.772	178	133545	20.841	ng	99
72) Anthracene	17.866	178	135406	20.594	ng	98
73) Carbazole	18.130	167	114749	20.730	ng	99
74) Di-n-butylphthalate	18.647	149	130218	20.447	ng	99
75) Fluoranthene	19.763	202	165815	20.805	ng	100
77) Benzidine	19.928	184	52074	21.505	ng	99
78) Pyrene	20.122	202	164590	20.912	ng	98
80) Butylbenzylphthalate	20.973	149	52460	21.007	ng	98
81) Benzo(a)anthracene	22.019	228	159993	20.733	ng	98
82) 3,3'-Dichlorobenzidine	21.913	252	51564	20.861	ng	99
83) Chrysene	22.090	228	150061	20.667	ng	100
84) Bis(2-ethylhexyl)phtha...	21.866	149	74148	20.068	ng	99
85) Di-n-octyl phthalate	23.165	149	124653	20.236	ng	97
87) Indeno(1,2,3-cd)pyrene	29.597	276	167343	20.276	ng	# 97
88) Benzo(b)fluoranthene	24.422	252	149095	20.141	ng	100
89) Benzo(k)fluoranthene	24.498	252	155147	20.625	ng	99
90) Benzo(a)pyrene	25.385	252	146304	20.230	ng	95
91) Dibenzo(a,h)anthracene	29.662	278	140033	20.374	ng	99
92) Benzo(g,h,i)perylene	30.872	276	137836	20.539	ng	97

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

