

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
 Data File : BG057144.D
 Acq On : 20 Apr 2023 13:36
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 21 05:47:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 05:45:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.391	152	13969	20.000	ng	0.00
21) Naphthalene-d8	11.228	136	41429	20.000	ng	# 0.00
39) Acenaphthene-d10	15.006	164	41173	20.000	ng	0.00
64) Phenanthrene-d10	17.743	188	95025	20.000	ng	0.00
76) Chrysene-d12	22.055	240	82446	20.000	ng	0.00
86) Perylene-d12	25.574	264	87126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	25986	33.317	ng	0.00
7) Phenol-d6	7.522	99	43586	35.450	ng	0.00
23) Nitrobenzene-d5	9.572	82	55160	60.831	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	26221	36.659	ng	-0.01
45) 2-Fluorobiphenyl	13.631	172	124463	40.078	ng	0.00
79) Terphenyl-d14	20.304	244	213937	40.164	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.703	88	6308	15.123	ng	99
3) Pyridine	4.132	79	15627	15.222	ng	96
4) n-Nitrosodimethylamine	4.038	42	7498	13.437	ng	# 68
6) Aniline	7.698	93	28040	18.452	ng	96
8) 2-Chlorophenol	7.950	128	15045	17.939	ng	97
9) Benzaldehyde	7.516	77	13927	19.603	ng	95
10) Phenol	7.551	94	21055	17.853	ng	92
11) bis(2-Chloroethyl)ether	7.792	93	15832	19.078	ng	90
12) 1,3-Dichlorobenzene	8.279	146	19990	20.975	ng	96
13) 1,4-Dichlorobenzene	8.426	146	20149	20.521	ng	95
14) 1,2-Dichlorobenzene	8.755	146	19504	20.582	ng	96
15) Benzyl Alcohol	8.620	79	21087	20.743	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.902	45	26421m	25.722	ng	
17) 2-Methylphenol	8.826	107	19677	21.372	ng	# 90
18) Hexachloroethane	9.495	117	7268	21.136	ng	86
19) n-Nitroso-di-n-propyla...	9.190	70	19522	21.722	ng	# 92
20) 3+4-Methylphenols	9.155	107	26759	21.718	ng	97
22) Acetophenone	9.219	105	33159	30.212	ng	# 96
24) Nitrobenzene	9.613	77	27610	30.296	ng	99
25) Isophorone	10.130	82	50093	30.221	ng	# 97
26) 2-Nitrophenol	10.330	139	11109	29.764	ng	92
27) 2,4-Dimethylphenol	10.371	122	19003	30.130	ng	94
28) bis(2-Chloroethoxy)met...	10.606	93	26698	29.020	ng	93
29) 2,4-Dichlorophenol	10.870	162	20268	27.315	ng	95
30) 1,2,4-Trichlorobenzene	11.087	180	16862	21.118	ng	98
31) Naphthalene	11.281	128	45596	20.557	ng	97
32) Benzoic acid	10.476	122	8596m	27.201	ng	
33) 4-Chloroaniline	11.381	127	20494	20.462	ng	# 93
34) Hexachlorobutadiene	11.557	225	11423	19.578	ng	93
35) Caprolactam	12.127	113	5758	24.270	ng	95
36) 4-Chloro-3-methylphenol	12.468	107	15331	20.034	ng	98
37) 2-Methylnaphthalene	12.861	142	33990	19.385	ng	93
38) 1-Methylnaphthalene	13.073	142	39041m	23.248	ng	
40) 1,2,4,5-Tetrachloroben...	13.220	216	25487	17.896	ng	98
41) Hexachlorocyclopentadiene	13.190	237	10560	18.456	ng	91
43) 2,4,6-Trichlorophenol	13.455	196	17738	20.084	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.525	196	21151	20.100	ng	90
46) 1,1'-Biphenyl	13.842	154	64709	20.896	ng	99
47) 2-Chloronaphthalene	13.895	162	47017	20.311	ng	99
48) 2-Nitroaniline	14.083	65	16489	21.165	ng	96
49) Acenaphthylene	14.729	152	76737	20.593	ng	99
50) Dimethylphthalate	14.436	163	66070	20.426	ng	# 99
51) 2,6-Dinitrotoluene	14.565	165	14287	20.281	ng	97
52) Acenaphthene	15.070	154	48105	20.700	ng	99
53) 3-Nitroaniline	14.900	138	14191	20.807	ng	# 90
54) 2,4-Dinitrophenol	15.111	184	7184	20.124	ng	90
55) Dibenzofuran	15.399	168	78703	20.268	ng	98
56) 4-Nitrophenol	15.194	139	9303	20.202	ng	91
57) 2,4-Dinitrotoluene	15.352	165	19296	19.324	ng	97
58) Fluorene	16.045	166	64663	19.421	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.622	232	16694	18.448	ng	99
60) Diethylphthalate	15.781	149	66682	19.822	ng	98
61) 4-Chlorophenyl-phenyle...	16.022	204	36864	18.771	ng	95
62) 4-Nitroaniline	16.057	138	15398	19.456	ng	100
63) Azobenzene	16.316	77	67774	20.123	ng	97
65) 4,6-Dinitro-2-methylph...	16.116	198	12046	20.493	ng	97
66) n-Nitrosodiphenylamine	16.233	169	56020	21.015	ng	98
67) 4-Bromophenyl-phenylether	16.915	248	23799	20.143	ng	91
68) Hexachlorobenzene	17.044	284	24874	20.184	ng	95
69) Atrazine	17.167	200	20816	20.367	ng	99
70) Pentachlorophenol	17.391	266	12418	18.357	ng	97
71) Phenanthrene	17.784	178	102868	20.887	ng	98
72) Anthracene	17.872	178	104707	20.689	ng	99
73) Carbazole	18.137	167	90515	21.220	ng	97
74) Di-n-butylphthalate	18.659	149	108065	21.447	ng	98
75) Fluoranthene	19.770	202	120810	20.081	ng	99
77) Benzidine	19.934	184	44467	21.143	ng	98
78) Pyrene	20.128	202	123377	20.766	ng	98
80) Butylbenzylphthalate	20.986	149	46183	21.555	ng	99
81) Benzo(a)anthracene	22.031	228	120507	20.575	ng	98
82) 3,3'-Dichlorobenzidine	21.926	252	41417	20.509	ng	# 97
83) Chrysene	22.102	228	114332	20.713	ng	98
84) Bis(2-ethylhexyl)phtha...	21.879	149	65767	21.462	ng	95
85) Di-n-octyl phthalate	23.183	149	107974	21.407	ng	99
87) Indeno(1,2,3-cd)pyrene	29.633	276	96015	15.118	ng	# 56
88) Benzo(b)fluoranthene	24.440	252	115022	20.330	ng	98
89) Benzo(k)fluoranthene	24.516	252	120350	21.253	ng	98
90) Benzo(a)pyrene	25.403	252	113333	20.873	ng	97
91) Dibenzo(a,h)anthracene	29.697	278	80232	15.221	ng	# 94
92) Benzo(g,h,i)perylene	30.913	276	78383	15.362	ng	96

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

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