

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057670.D
 Acq On : 8 Jun 2023 13:50
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:38:06 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 09 00:28:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	7196	20.000	ng	0.00
21) Naphthalene-d8	11.152	136	25480	20.000	ng	# 0.00
39) Acenaphthene-d10	14.936	164	16847	20.000	ng	0.00
64) Phenanthrene-d10	17.674	188	41753	20.000	ng	0.00
76) Chrysene-d12	21.975	240	37804	20.000	ng	0.00
86) Perylene-d12	25.441	264	45153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	41267	119.173	ng	0.00
7) Phenol-d6	7.462	99	57658	101.253	ng	0.00
23) Nitrobenzene-d5	9.495	82	59329	103.224	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	27530	111.268	ng	0.00
45) 2-Fluorobiphenyl	13.561	172	123021	97.998	ng	0.00
79) Terphenyl-d14	20.242	244	213310	97.095	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.620	88	8310	37.931	ng	# 90
3) Pyridine	4.049	79	25279	54.764	ng	98
4) n-Nitrosodimethylamine	3.961	42	20064	58.232	ng	# 78
6) Aniline	7.633	93	34349	46.443	ng	96
8) 2-Chlorophenol	7.880	128	20891	48.246	ng	97
9) Benzaldehyde	7.445	77	16025	48.469	ng	95
10) Phenol	7.492	94	26720	48.826	ng	# 73
11) bis(2-Chloroethyl)ether	7.715	93	19773	46.098	ng	98
12) 1,3-Dichlorobenzene	8.203	146	22226	48.331	ng	92
13) 1,4-Dichlorobenzene	8.350	146	22821	46.941	ng	94
14) 1,2-Dichlorobenzene	8.679	146	21486	45.999	ng	97
15) Benzyl Alcohol	8.555	79	23237	50.132	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.843	45	39537m	44.370	ng	
17) 2-Methylphenol	8.761	107	19158	44.946	ng	# 84
18) Hexachloroethane	9.407	117	8981	48.836	ng	93
19) n-Nitroso-di-n-propyla...	9.119	70	18124	44.996	ng	# 77
20) 3+4-Methylphenols	9.090	107	26455	45.250	ng	92
22) Acetophenone	9.149	105	35490	49.896	ng	# 92
24) Nitrobenzene	9.542	77	27937	49.768	ng	# 97
25) Isophorone	10.059	82	50527	50.273	ng	# 97
26) 2-Nitrophenol	10.253	139	11771	51.496	ng	# 85
27) 2,4-Dimethylphenol	10.306	122	21476	51.398	ng	93
28) bis(2-Chloroethoxy)met...	10.529	93	25255	47.757	ng	97
29) 2,4-Dichlorophenol	10.800	162	20510	53.787	ng	91
30) 1,2,4-Trichlorobenzene	11.011	180	23212	50.507	ng	97
31) Naphthalene	11.205	128	68415	49.385	ng	99
32) Benzoic acid	10.471	122	8117m	39.677	ng	
33) 4-Chloroaniline	11.311	127	29728	49.306	ng	96
34) Hexachlorobutadiene	11.469	225	16816	53.175	ng	96
35) Caprolactam	12.086	113	6082	51.464	ng	# 85
36) 4-Chloro-3-methylphenol	12.415	107	24774	54.344	ng	95
37) 2-Methylnaphthalene	12.786	142	49624	52.405	ng	# 93
38) 1-Methylnaphthalene	13.003	142	46493	52.659	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.150	216	27658	50.924	ng	98
41) Hexachlorocyclopentadiene	13.115	237	5644	49.597	ng	97
43) 2,4,6-Trichlorophenol	13.385	196	17827	53.621	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.467	196	20366	52.427	ng	95
46) 1,1'-Biphenyl	13.773	154	60720	48.713	ng	97
47) 2-Chloronaphthalene	13.826	162	45992	49.663	ng	98
48) 2-Nitroaniline	14.025	65	20083	53.061	ng	89
49) Acenaphthylene	14.666	152	78076	49.986	ng	98
50) Dimethylphthalate	14.372	163	64745	50.197	ng	99
51) 2,6-Dinitrotoluene	14.507	165	14014	50.904	ng	# 74
52) Acenaphthene	15.001	154	46082	50.088	ng	99
53) 3-Nitroaniline	14.842	138	14514	51.595	ng	99
54) 2,4-Dinitrophenol	15.065	184	6182	59.151	ng	# 63
55) Dibenzofuran	15.330	168	78414	52.408	ng	95
56) 4-Nitrophenol	15.159	139	9267	57.876	ng	# 63
57) 2,4-Dinitrotoluene	15.300	165	19983	53.333	ng	# 78
58) Fluorene	15.976	166	63056	52.327	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.559	232	17184m	54.654	ng	
60) Diethylphthalate	15.717	149	67982	52.566	ng	99
61) 4-Chlorophenyl-phenyle...	15.952	204	35205	52.117	ng	90
62) 4-Nitroaniline	16.005	138	15532	55.955	ng	# 51
63) Azobenzene	16.246	77	65690	51.532	ng	87
65) 4,6-Dinitro-2-methylph...	16.070	198	12166	46.390	ng	88
66) n-Nitrosodiphenylamine	16.170	169	54432	39.277	ng	100
67) 4-Bromophenyl-phenylether	16.846	248	23619	45.118	ng	97
68) Hexachlorobenzene	16.981	284	24576	49.134	ng	96
69) Atrazine	17.104	200	21231	48.590	ng	96
70) Pentachlorophenol	17.327	266	10083m	47.643	ng	
71) Phenanthrene	17.715	178	100741	46.054	ng	98
72) Anthracene	17.809	178	104724	46.228	ng	98
73) Carbazole	18.073	167	92748	44.263	ng	98
74) Di-n-butylphthalate	18.591	149	115365	40.907	ng	# 98
75) Fluoranthene	19.707	202	125730	48.845	ng	99
77) Benzidine	19.877	184	49247	51.412	ng	99
78) Pyrene	20.071	202	126214	46.140	ng	98
80) Butylbenzylphthalate	20.917	149	51481	51.650	ng	95
81) Benzo(a)anthracene	21.951	228	129502	48.623	ng	98
82) 3,3'-Dichlorobenzidine	21.846	252	46511	49.278	ng	97
83) Chrysene	22.022	228	122496	48.630	ng	98
84) Bis(2-ethylhexyl)phtha...	21.793	149	73101	48.946	ng	99
85) Di-n-octyl phthalate	23.068	149	126637	49.105	ng	100
87) Indeno(1,2,3-cd)pyrene	29.460	276	148030	48.877	ng	# 93
88) Benzo(b)fluoranthene	24.331	252	131142	49.449	ng	98
89) Benzo(k)fluoranthene	24.401	252	126112	46.801	ng	97
90) Benzo(a)pyrene	25.277	252	124318	48.222	ng	# 97
91) Dibenzo(a,h)anthracene	29.495	278	124960	49.363	ng	97
92) Benzo(g,h,i)perylene	30.717	276	123286	49.858	ng	96

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

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