

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060977.D
 Acq On : 20 Apr 2024 21:03
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:17:35 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:10:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	20237	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	78412	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	68027	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	173169	20.000	ng	0.00
76) Chrysene-d12	21.578	240	179548	20.000	ng	0.00
86) Perylene-d12	24.703	264	208855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	120398	120.341	ng	0.00
7) Phenol-d6	7.112	99	184120	124.035	ng	0.00
23) Nitrobenzene-d5	9.098	82	214632	122.981	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	181860	121.741	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	620527	126.246	ng	0.00
79) Terphenyl-d14	19.938	244	1382008	119.478	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	20002	57.767	ng	97
3) Pyridine	3.834	79	64717	60.467	ng	94
4) n-Nitrosodimethylamine	3.751	42	58938	61.227	ng	98
6) Aniline	7.271	93	106772	59.847	ng	98
8) 2-Chlorophenol	7.506	128	74676	59.905	ng	92
9) Benzaldehyde	7.077	77	43830	57.403	ng	92
10) Phenol	7.136	94	91251	61.873	ng	96
11) bis(2-Chloroethyl)ether	7.365	93	63901	60.561	ng	97
12) 1,3-Dichlorobenzene	7.835	146	81551	58.992	ng	93
13) 1,4-Dichlorobenzene	7.976	146	86178	60.521	ng	96
14) 1,2-Dichlorobenzene	8.293	146	84309	60.584	ng	97
15) Benzyl Alcohol	8.176	79	85352	60.898	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.469	45	141248m	61.480	ng	
17) 2-Methylphenol	8.381	107	74197	62.307	ng	97
18) Hexachloroethane	9.022	117	31812	62.001	ng	92
19) n-Nitroso-di-n-propyla...	8.746	70	67846	61.329	ng	96
20) 3+4-Methylphenols	8.710	107	101109	60.711	ng	97
22) Acetophenone	8.757	105	133411	60.931	ng	# 95
24) Nitrobenzene	9.139	77	102054	60.854	ng	94
25) Isophorone	9.662	82	178737	61.196	ng	99
26) 2-Nitrophenol	9.844	139	46885	59.485	ng	94
27) 2,4-Dimethylphenol	9.909	122	75866	60.053	ng	97
28) bis(2-Chloroethoxy)met...	10.144	93	93691	60.979	ng	98
29) 2,4-Dichlorophenol	10.385	162	87686	60.139	ng	95
30) 1,2,4-Trichlorobenzene	10.602	180	98648	61.319	ng	92
31) Naphthalene	10.790	128	262438	61.133	ng	98
32) Benzoic acid	10.068	122	66829m	69.475	ng	
33) 4-Chloroaniline	10.890	127	117344	60.174	ng	98
34) Hexachlorobutadiene	11.078	225	86127	60.876	ng	96
35) Caprolactam	11.677	113	27742	59.735	ng	# 85
36) 4-Chloro-3-methylphenol	12.018	107	102262	60.135	ng	96
37) 2-Methylnaphthalene	12.394	142	203035	60.153	ng	99
38) 1-Methylnaphthalene	12.612	142	192431	61.094	ng	99
40) 1,2,4,5-Tetrachloroben...	12.764	216	155222	64.208	ng	99
41) Hexachlorocyclopentadiene	12.747	237	94958	66.756	ng	98
43) 2,4,6-Trichlorophenol	12.999	196	99670	62.719	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	121624	64.700	ng	98
46) 1,1'-Biphenyl	13.405	154	291436	63.601	ng	99
47) 2-Chloronaphthalene	13.446	162	223455	63.602	ng	95
48) 2-Nitroaniline	13.646	65	88843	62.656	ng	98
49) Acenaphthylene	14.292	152	376103	63.563	ng	98
50) Dimethylphthalate	14.034	163	349084	62.230	ng	98
51) 2,6-Dinitrotoluene	14.145	165	72980	62.351	ng	94
52) Acenaphthene	14.639	154	223885	62.271	ng	95
53) 3-Nitroaniline	14.474	138	70949	61.473	ng	95
54) 2,4-Dinitrophenol	14.680	184	46805	62.675	ng	96
55) Dibenzofuran	14.968	168	385355	62.069	ng	96
56) 4-Nitrophenol	14.786	139	53557	64.772	ng	92
57) 2,4-Dinitrotoluene	14.932	165	104222	61.825	ng	98
58) Fluorene	15.620	166	321704	61.391	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	117643	61.885	ng	100
60) Diethylphthalate	15.397	149	338500	61.274	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	198805	61.513	ng	97
62) 4-Nitroaniline	15.638	138	75905	60.993	ng	97
63) Azobenzene	15.908	77	278781	62.043	ng	96
65) 4,6-Dinitro-2-methylph...	15.696	198	71336	66.715	ng	99
66) n-Nitrosodiphenylamine	15.831	169	299678	62.814	ng	98
67) 4-Bromophenyl-phenylether	16.507	248	144569	63.258	ng	96
68) Hexachlorobenzene	16.625	284	161857	64.117	ng	98
69) Atrazine	16.777	200	100942	56.531	ng	95
70) Pentachlorophenol	16.965	266	108908	65.793	ng	98
71) Phenanthrene	17.359	178	544889	61.645	ng	99
72) Anthracene	17.453	178	562444	61.783	ng	99
73) Carbazole	17.717	167	465332	61.548	ng	99
74) Di-n-butylphthalate	18.293	149	559680	60.973	ng	99
75) Fluoranthene	19.374	202	715696	61.011	ng	98
77) Benzidine	19.551	184	169936	51.081	ng	100
78) Pyrene	19.733	202	722859	59.128	ng	99
80) Butylbenzylphthalate	20.632	149	249121	61.137	ng	99
81) Benzo(a)anthracene	21.560	228	769639	60.970	ng	98
82) 3,3'-Dichlorobenzidine	21.478	252	275745	60.444	ng	99
83) Chrysene	21.625	228	735843	61.226	ng	99
84) Bis(2-ethylhexyl)phtha...	21.490	149	362615	61.209	ng	99
85) Di-n-octyl phthalate	22.676	149	603828	61.392	ng	100
87) Indeno(1,2,3-cd)pyrene	28.252	276	934824	64.676	ng	# 75
88) Benzo(b)fluoranthene	23.716	252	757913	64.036	ng	100
89) Benzo(k)fluoranthene	23.787	252	745663	62.353	ng	99
90) Benzo(a)pyrene	24.562	252	726515	63.417	ng	99
91) Dibenzo(a,h)anthracene	28.323	278	767940	64.875	ng	99
92) Benzo(g,h,i)perylene	29.369	276	744471	63.430	ng	100

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

