

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057872.D
 Acq On : 27 Jun 2023 18:33
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 00:48:27 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 28 00:34:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	44954	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	189126	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	140989	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	345463	20.000	ng	0.00
76) Chrysene-d12	21.560	240	280014	20.000	ng	0.00
86) Perylene-d12	24.709	264	356696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	424688	144.542	ng	0.00
7) Phenol-d6	7.089	99	645763	146.977	ng	0.00
23) Nitrobenzene-d5	9.092	82	601807	155.945	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	349288	147.500	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	1308432	141.622	ng	0.00
79) Terphenyl-d14	19.921	244	2083656	135.661	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.399	88	90405	67.130	ng	Qvalue 99
3) Pyridine	3.793	79	292734m	75.225	ng	
4) n-Nitrosodimethylamine	3.710	42	118905	74.230	ng	# 95
6) Aniline	7.253	93	411169	74.912	ng	98
8) 2-Chlorophenol	7.488	128	218202	73.978	ng	97
10) Phenol	7.118	94	312451	73.182	ng	94
11) bis(2-Chloroethyl)ether	7.347	93	236692	73.534	ng	99
12) 1,3-Dichlorobenzene	7.812	146	219468	72.339	ng	99
13) 1,4-Dichlorobenzene	7.958	146	219697	72.095	ng	98
14) 1,2-Dichlorobenzene	8.276	146	211202	71.616	ng	98
15) Benzyl Alcohol	8.164	79	247510	76.461	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	392511	73.233	ng	99
17) 2-Methylphenol	8.364	107	238414	75.323	ng	96
18) Hexachloroethane	9.004	117	79254	74.636	ng	94
19) n-Nitroso-di-n-propyla...	8.734	70	216134	73.516	ng	97
20) 3+4-Methylphenols	8.699	107	335455	76.067	ng	98
22) Acetophenone	8.746	105	395554	75.150	ng	# 98
24) Nitrobenzene	9.133	77	302772	78.164	ng	97
25) Isophorone	9.656	82	644011	77.291	ng	97
26) 2-Nitrophenol	9.839	139	133677	84.692	ng	99
27) 2,4-Dimethylphenol	9.897	122	236399	77.681	ng	98
28) bis(2-Chloroethoxy)met...	10.138	93	348280	77.781	ng	99
29) 2,4-Dichlorophenol	10.373	162	236406	79.212	ng	97
30) 1,2,4-Trichlorobenzene	10.591	180	248560	77.360	ng	99
31) Naphthalene	10.779	128	759710	75.252	ng	98
32) Benzoic acid	10.079	122	214322	89.355	ng	98
33) 4-Chloroaniline	10.884	127	373336	78.599	ng	100
34) Hexachlorobutadiene	11.061	225	154143	77.782	ng	98
35) Caprolactam	11.695	113	97918m	75.704	ng	
36) 4-Chloro-3-methylphenol	12.012	107	308722	77.915	ng	99
37) 2-Methylnaphthalene	12.389	142	566668	76.145	ng	99
38) 1-Methylnaphthalene	12.606	142	533556	75.875	ng	98
40) 1,2,4,5-Tetrachloroben...	12.753	216	300261	76.122	ng	99
41) Hexachlorocyclopentadiene	12.735	237	177104	83.521	ng	97
43) 2,4,6-Trichlorophenol	12.994	196	230416	79.246	ng	99
44) 2,4,5-Trichlorophenol	13.064	196	269791	77.961	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.393	154	708448	73.772	ng	98
47) 2-Chloronaphthalene	13.440	162	556999	75.526	ng	98
48) 2-Nitroaniline	13.646	65	240121	81.714	ng	96
49) Acenaphthylene	14.286	152	948224	73.315	ng	98
50) Dimethylphthalate	14.022	163	814786	72.914	ng	100
51) 2,6-Dinitrotoluene	14.139	165	184249	79.411	ng	98
52) Acenaphthene	14.627	154	558641	73.938	ng	100
53) 3-Nitroaniline	14.474	138	200775	76.119	ng	95
54) 2,4-Dinitrophenol	14.674	184	112072	87.432	ng	94
55) Dibenzofuran	14.962	168	931868	71.906	ng	98
56) 4-Nitrophenol	14.774	139	163787	75.740	ng	98
57) 2,4-Dinitrotoluene	14.927	165	260142	77.270	ng	96
58) Fluorene	15.608	166	732154	69.996	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.185	232	234958	74.897	ng	100
60) Diethylphthalate	15.379	149	834157	70.816	ng	99
61) 4-Chlorophenyl-phenyle...	15.602	204	407965	72.716	ng	100
62) 4-Nitroaniline	15.644	138	199153	71.980	ng	98
63) Azobenzene	15.896	77	812914	72.168	ng	98
65) 4,6-Dinitro-2-methylph...	15.691	198	159349	85.716	ng	100
66) n-Nitrosodiphenylamine	15.820	169	669072	75.890	ng	99
67) 4-Bromophenyl-phenylether	16.495	248	286043	78.439	ng	97
68) Hexachlorobenzene	16.613	284	295697	76.787	ng	99
69) Atrazine	16.766	200	225456	68.859	ng	99
70) Pentachlorophenol	16.954	266	236333	80.250	ng	99
71) Phenanthrene	17.347	178	1187218	71.591	ng	99
72) Anthracene	17.441	178	1226360	71.703	ng	97
73) Carbazole	17.706	167	1124624	69.156	ng	99
74) Di-n-butylphthalate	18.270	149	1366530	67.988	ng	99
75) Fluoranthene	19.357	202	1402191	67.117	ng	97
77) Benzidine	19.539	184	439405	66.887	ng	99
78) Pyrene	19.721	202	1428058	71.425	ng	98
80) Butylbenzylphthalate	20.608	149	608217	75.018	ng	98
81) Benzo(a)anthracene	21.542	228	1425787	73.578	ng	100
82) 3,3'-Dichlorobenzidine	21.460	252	494019	71.648	ng	98
83) Chrysene	21.607	228	1353402	73.787	ng	99
84) Bis(2-ethylhexyl)phtha...	21.448	149	828562	71.979	ng	99
85) Di-n-octyl phthalate	22.641	149	1523636	75.008	ng	99
87) Indeno(1,2,3-cd)pyrene	28.317	276	1801461	76.238	ng	99
88) Benzo(b)fluoranthene	23.716	252	1445716	74.311	ng	97
89) Benzo(k)fluoranthene	23.781	252	1463359	74.423	ng	98
90) Benzo(a)pyrene	24.568	252	1435373	74.481	ng	98
91) Dibenzo(a,h)anthracene	28.382	278	1486290	75.826	ng	99
92) Benzo(g,h,i)perylene	29.451	276	1491525	76.566	ng	99

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

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