

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057593.D
 Acq On : 26 May 2023 21:10
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 26 23:39:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:28:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	16410	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	66369	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	53510	20.000	ng	0.00
64) Phenanthrene-d10	17.708	188	149950	20.000	ng	0.00
76) Chrysene-d12	22.019	240	134918	20.000	ng	0.00
86) Perylene-d12	25.521	264	146741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.865	112	111523	118.068	ng	0.00
7) Phenol-d6	7.492	99	178280	120.603	ng	0.00
23) Nitrobenzene-d5	9.530	82	173681	122.330	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	111027	129.597	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	438459	117.757	ng	0.00
79) Terphenyl-d14	20.281	244	926568	118.963	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.656	88	21601	55.196	ng	96
3) Pyridine	4.085	79	72389	60.477	ng	98
4) n-Nitrosodimethylamine	3.991	42	28515	58.904	ng	95
6) Aniline	7.662	93	107818	60.291	ng	99
8) 2-Chlorophenol	7.909	128	60507	59.668	ng	92
9) Benzaldehyde	7.474	77	56025	57.204	ng	95
10) Phenol	7.521	94	84313	60.262	ng	96
11) bis(2-Chloroethyl)ether	7.745	93	61469	58.838	ng	96
12) 1,3-Dichlorobenzene	8.232	146	62475	57.829	ng	97
13) 1,4-Dichlorobenzene	8.385	146	64256	58.460	ng	98
14) 1,2-Dichlorobenzene	8.708	146	61914	57.753	ng	97
15) Benzyl Alcohol	8.585	79	69259	60.907	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.867	45	75018	57.829	ng	95
17) 2-Methylphenol	8.790	107	63001	61.318	ng	97
18) Hexachloroethane	9.442	117	22207	59.007	ng	98
19) n-Nitroso-di-n-propyla...	9.154	70	61672	60.051	ng	99
20) 3+4-Methylphenols	9.119	107	88507	61.364	ng	99
22) Acetophenone	9.178	105	107230	60.421	ng	# 98
24) Nitrobenzene	9.572	77	88656	61.516	ng	98
25) Isophorone	10.094	82	171992	61.632	ng	98
26) 2-Nitrophenol	10.294	139	39573	64.042	ng	99
27) 2,4-Dimethylphenol	10.335	122	66228	61.992	ng	95
28) bis(2-Chloroethoxy)met...	10.564	93	86658	59.886	ng	98
29) 2,4-Dichlorophenol	10.835	162	69706	62.123	ng	98
30) 1,2,4-Trichlorobenzene	11.046	180	73839	60.381	ng	99
31) Naphthalene	11.234	128	209855	59.773	ng	99
32) Benzoic acid	10.506	122	39576m	61.395	ng	
33) 4-Chloroaniline	11.340	127	100869	62.476	ng	99
34) Hexachlorobutadiene	11.504	225	50374	59.555	ng	96
35) Caprolactam	12.127	113	28803	61.921	ng	96
36) 4-Chloro-3-methylphenol	12.444	107	83766	63.069	ng	98
37) 2-Methylnaphthalene	12.814	142	171037	62.071	ng	100
38) 1-Methylnaphthalene	13.037	142	160019	60.995	ng	99
40) 1,2,4,5-Tetrachloroben...	13.178	216	105867	60.276	ng	99
41) Hexachlorocyclopentadiene	13.149	237	22831	61.050	ng	98
43) 2,4,6-Trichlorophenol	13.419	196	69337	62.707	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.496	196	84009	63.791	ng	99
46) 1,1'-Biphenyl	13.801	154	227932	59.599	ng	99
47) 2-Chloronaphthalene	13.860	162	174089	60.434	ng	97
48) 2-Nitroaniline	14.060	65	64961	64.379	ng	98
49) Acenaphthylene	14.694	152	299468	61.392	ng	99
50) Dimethylphthalate	14.406	163	268575	60.898	ng	100
51) 2,6-Dinitrotoluene	14.541	165	60275	63.846	ng	91
52) Acenaphthene	15.035	154	182322	61.083	ng	96
53) 3-Nitroaniline	14.876	138	62676	63.651	ng	# 95
54) 2,4-Dinitrophenol	15.093	184	35142	63.451	ng	99
55) Dibenzofuran	15.364	168	311350	61.047	ng	99
56) 4-Nitrophenol	15.187	139	43717	66.634	ng	94
57) 2,4-Dinitrotoluene	15.328	165	90668	64.143	ng	93
58) Fluorene	16.010	166	263753	61.249	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.593	232	80634	65.356	ng	99
60) Diethylphthalate	15.751	149	280769	60.995	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	148293	61.791	ng	99
62) 4-Nitroaniline	16.039	138	67049	63.123	ng	96
63) Azobenzene	16.280	77	255279	62.359	ng	100
65) 4,6-Dinitro-2-methylph...	16.098	198	59608	65.287	ng	97
66) n-Nitrosodiphenylamine	16.204	169	235908	60.529	ng	98
67) 4-Bromophenyl-phenylether	16.879	248	102222	60.773	ng	99
68) Hexachlorobenzene	17.014	284	106108	61.198	ng	99
69) Atrazine	17.138	200	98660	58.961	ng	99
70) Pentachlorophenol	17.367	266	60880	68.911	ng	98
71) Phenanthrene	17.755	178	462019	60.210	ng	98
72) Anthracene	17.843	178	468923	59.569	ng	98
73) Carbazole	18.113	167	416551	59.151	ng	100
74) Di-n-butylphthalate	18.624	149	484403	57.943	ng	99
75) Fluoranthene	19.746	202	574846	57.705	ng	99
77) Benzidine	19.910	184	238553	58.431	ng	99
78) Pyrene	20.104	202	580718	60.451	ng	99
80) Butylbenzylphthalate	20.950	149	214373	61.274	ng	98
81) Benzo(a)anthracene	22.002	228	564233	60.280	ng	98
82) 3,3'-Dichlorobenzidine	21.896	252	208622	60.441	ng	99
83) Chrysene	22.072	228	531907	60.134	ng	100
84) Bis(2-ethylhexyl)phtha...	21.837	149	301884	60.491	ng	99
85) Di-n-octyl phthalate	23.130	149	497471	60.138	ng	100
87) Indeno(1,2,3-cd)pyrene	29.591	276	621958	60.792	ng	# 86
88) Benzo(b)fluoranthene	24.404	252	553442	61.273	ng	99
89) Benzo(k)fluoranthene	24.475	252	540709	59.317	ng	99
90) Benzo(a)pyrene	25.362	252	529940	60.162	ng	100
91) Dibenzo(a,h)anthracene	29.638	278	513547	60.314	ng	99
92) Benzo(g,h,i)perylene	30.866	276	505335	60.855	ng	99

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

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