

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055524.D
 Acq On : 9 Nov 2022 15:11
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/10/2022
 Supervised By : Jagrut Upadhyay 11/10/2022

Quant Time: Nov 10 03:03:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 02:56:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.274	152	50930	20.000	ng	0.00
21) Naphthalene-d8	11.106	136	204807	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	145785	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	338401	20.000	ng	0.00
76) Chrysene-d12	21.934	240	310585	20.000	ng	0.00
86) Perylene-d12	25.354	264	336995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	430284	160.921	ng	0.00
7) Phenol-d6	7.404	99	590459	159.864	ng	0.00
23) Nitrobenzene-d5	9.449	82	588594	162.866	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	266418	162.658	ng	0.00
45) 2-Fluorobiphenyl	13.526	172	1443054	149.309	ng	0.00
79) Terphenyl-d14	20.218	244	2222135	143.706	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.638	88	98884	72.808	ng	95
3) Pyridine	4.049	79	311833m	83.885	ng	
4) n-Nitrosodimethylamine	3.961	42	162178	78.903	ng	96
6) Aniline	7.592	93	383853	78.242	ng	100
8) 2-Chlorophenol	7.833	128	242758	81.095	ng	99
9) Benzaldehyde	7.398	77	195391	67.050	ng	98
10) Phenol	7.433	94	331133	77.877	ng	99
11) bis(2-Chloroethyl)ether	7.680	93	257343	75.173	ng	98
12) 1,3-Dichlorobenzene	8.162	146	284157	75.991	ng	97
13) 1,4-Dichlorobenzene	8.309	146	286304	75.654	ng	98
14) 1,2-Dichlorobenzene	8.632	146	268798	74.793	ng	97
15) Benzyl Alcohol	8.503	79	264137	82.007	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.802	45	493618	75.041	ng	98
17) 2-Methylphenol	8.697	107	239644	80.091	ng	98
18) Hexachloroethane	9.372	117	99500	79.197	ng	98
19) n-Nitroso-di-n-propyla...	9.084	70	236060	77.334	ng	97
20) 3+4-Methylphenols	9.032	107	340505	81.686	ng	98
22) Acetophenone	9.102	105	424735	77.959	ng	# 99
24) Nitrobenzene	9.490	77	318410	80.794	ng	100
25) Isophorone	10.013	82	624472	80.907	ng	99
27) 2,4-Dimethylphenol	10.248	122	233970	78.361	ng	98
28) bis(2-Chloroethoxy)met...	10.489	93	331469	79.651	ng	100
29) 2,4-Dichlorophenol	10.735	162	274367	90.470	ng	97
30) 1,2,4-Trichlorobenzene	10.959	180	304223	80.083	ng	99
31) Naphthalene	11.158	128	872190	78.768	ng	99
32) Benzoic acid	10.395	122	170546	79.401	ng	99
33) 4-Chloroaniline	11.252	127	377524	81.566	ng	98
34) Hexachlorobutadiene	11.435	225	205496	81.109	ng	98
35) Caprolactam	12.040	113	93838	86.107	ng	95
36) 4-Chloro-3-methylphenol	12.345	107	307981	86.154	ng	98
37) 2-Methylnaphthalene	12.739	142	657246	79.000	ng	100
38) 1-Methylnaphthalene	12.956	142	638377	78.445	ng	99
40) 1,2,4,5-Tetrachloroben...	13.097	216	350884	80.574	ng	98
41) Hexachlorocyclopentadiene	13.080	237	177417	91.197	ng	97
43) 2,4,6-Trichlorophenol	13.326	196	241122	80.968	ng	97
44) 2,4,5-Trichlorophenol	13.397	196	265287	80.407	ng	97

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46) 1,1'-Biphenyl	13.732	154	835791	78.364	ng	98
47) 2-Chloronaphthalene	13.779	162	649477	78.841	ng	99
49) Acenaphthylene	14.619	152	1068034	78.355	ng	98
50) Dimethylphthalate	14.343	163	904506	81.650	ng	100
52) Acenaphthene	14.960	154	684499	80.440	ng	98
53) 3-Nitroaniline	14.789	138	197752	81.482	ng	# 96
54) 2,4-Dinitrophenol	14.989	184	68905	79.962	ng	# 78
55) Dibenzofuran	15.289	168	1050090	77.188	ng	98
56) 4-Nitrophenol	15.072	139	155768	81.557	ng	98
58) Fluorene	15.935	166	827212	76.430	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.506	232	250117	80.943	ng	99
60) Diethylphthalate	15.694	149	911562	80.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.923	204	450290	78.217	ng	99
62) 4-Nitroaniline	15.953	138	201711	81.337	ng	99
63) Azobenzene	16.217	77	850384	77.849	ng	97
65) 4,6-Dinitro-2-methylph...	16.000	198	106477	79.725	ng	97
66) n-Nitrosodiphenylamine	16.135	169	745846	78.676	ng	99
67) 4-Bromophenyl-phenylether	16.817	248	270073	78.231	ng	98
68) Hexachlorobenzene	16.934	284	323847	78.906	ng	98
69) Atrazine	17.075	200	284227	82.846	ng	98
70) Pentachlorophenol	17.275	266	210235	80.952	ng	97
71) Phenanthrene	17.674	178	1380268	75.893	ng	98
72) Anthracene	17.768	178	1351782	75.844	ng	98
73) Carbazole	18.027	167	1211094	75.187	ng	98
74) Di-n-butylphthalate	18.573	149	1478700	80.067	ng	97
75) Fluoranthene	19.672	202	1592816	73.442	ng	98
77) Benzidine	19.837	184	664319	79.061	ng	98
78) Pyrene	20.030	202	1608589	76.526	ng	96
80) Butylbenzylphthalate	20.906	149	660207	80.049	ng	100
81) Benzo(a)anthracene	21.911	228	1647365	77.436	ng	97
82) 3,3'-Dichlorobenzidine	21.817	252	561996	80.944	ng	99
83) Chrysene	21.987	228	1576453	77.929	ng	99
84) Bis(2-ethylhexyl)phtha...	21.805	149	946758	79.542	ng	98
85) Di-n-octyl phthalate	23.092	149	1612763	87.972	ng	99
87) Indeno(1,2,3-cd)pyrene	29.314	276	2083119	81.160	ng	99
88) Benzo(b)fluoranthene	24.267	252	1686294	78.975	ng	99
89) Benzo(k)fluoranthene	24.343	252	1698419	77.805	ng	98
90) Benzo(a)pyrene	25.195	252	1462614	79.520	ng	98
91) Dibenzo(a,h)anthracene	29.390	278	1701441	80.081	ng	99
92) Benzo(g,h,i)perylene	30.553	276	1689263	81.335	ng	99

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

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