

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031324\
 Data File : BG060627.D
 Acq On : 13 Mar 2024 14:47
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Quant Time: Mar 14 00:40:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:26:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	100667	20.000	ng	0.00
21) Naphthalene-d8	11.174	136	459154	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	296036	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	613470	20.000	ng	0.00
76) Chrysene-d12	22.026	240	541710	20.000	ng	0.00
86) Perylene-d12	25.580	264	618439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	769769	120.205	ng	0.00
7) Phenol-d6	7.443	99	1129588	121.600	ng	0.00
23) Nitrobenzene-d5	9.529	82	1129183	127.989	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	450788	131.408	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	2594376	118.489	ng	0.00
79) Terphenyl-d14	20.281	244	3341867	111.509	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.653	88	156644	58.439	ng	98
3) Pyridine	4.070	79	472946m	59.699	ng	
4) n-Nitrosodimethylamine	4.000	42	235767	60.668	ng	96
6) Aniline	7.654	93	690111	60.796	ng	99
8) 2-Chlorophenol	7.872	128	423999	60.569	ng	98
9) Benzaldehyde	7.472	77	289674	55.705	ng	95
10) Phenol	7.466	94	569709	61.122	ng	97
11) bis(2-Chloroethyl)ether	7.742	93	448868	60.411	ng	99
12) 1,3-Dichlorobenzene	8.207	146	452482	59.940	ng	97
13) 1,4-Dichlorobenzene	8.365	146	456261	59.625	ng	98
14) 1,2-Dichlorobenzene	8.683	146	459316	60.437	ng	96
15) Benzyl Alcohol	8.565	79	457259	62.262	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.841	45	880554	61.049	ng	100
17) 2-Methylphenol	8.741	107	441340	61.663	ng	99
18) Hexachloroethane	9.411	117	161771	61.886	ng	96
19) n-Nitroso-di-n-propyla...	9.141	70	399602	62.059	ng	98
20) 3+4-Methylphenols	9.082	107	598604	62.012	ng	97
22) Acetophenone	9.170	105	751035	61.009	ng	# 99
24) Nitrobenzene	9.570	77	559704	63.456	ng	96
25) Isophorone	10.081	82	1096198	62.079	ng	98
26) 2-Nitrophenol	10.275	139	224223	62.069	ng	95
27) 2,4-Dimethylphenol	10.298	122	463045	59.247	ng	95
28) bis(2-Chloroethoxy)met...	10.563	93	645747	61.001	ng	98
29) 2,4-Dichlorophenol	10.792	162	437614	62.389	ng	97
30) 1,2,4-Trichlorobenzene	11.015	180	455920	61.216	ng	98
31) Naphthalene	11.227	128	1542890	60.161	ng	99
32) Benzoic acid	10.433	122	327039m	61.009	ng	
33) 4-Chloroaniline	11.338	127	661308	61.151	ng	98
34) Hexachlorobutadiene	11.456	225	309974	61.019	ng	96
35) Caprolactam	12.149	113	148694	62.973	ng	97
36) 4-Chloro-3-methylphenol	12.402	107	530132	61.671	ng	99
37) 2-Methylnaphthalene	12.801	142	1055413	59.583	ng	99
38) 1-Methylnaphthalene	13.019	142	995181	59.858	ng	100
40) 1,2,4,5-Tetrachloroben...	13.142	216	560672	61.672	ng	99
41) Hexachlorocyclopentadiene	13.101	237	306727	68.608	ng	99
43) 2,4,6-Trichlorophenol	13.383	196	373846	64.041	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.453	196	442514	64.080	ng	99
46) 1,1'-Biphenyl	13.794	154	1357694	60.336	ng	99
47) 2-Chloronaphthalene	13.847	162	1042937	61.413	ng	97
48) 2-Nitroaniline	14.059	65	380515	67.889	ng	96
49) Acenaphthylene	14.687	152	1684982	60.906	ng	100
50) Dimethylphthalate	14.399	163	1359858	61.249	ng	98
51) 2,6-Dinitrotoluene	14.540	165	272741	66.668	ng	98
52) Acenaphthene	15.016	154	994680	60.167	ng	98
53) 3-Nitroaniline	14.875	138	305113	64.774	ng	96
54) 2,4-Dinitrophenol	15.069	184	124367	61.145	ng	95
55) Dibenzofuran	15.351	168	1599023	59.738	ng	99
56) 4-Nitrophenol	15.140	139	228669	65.057	ng	97
57) 2,4-Dinitrotoluene	15.316	165	345769	67.186	ng	98
58) Fluorene	15.998	166	1303785	60.879	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.551	232	368122m	63.752	ng	
60) Diethylphthalate	15.745	149	1390296	60.860	ng	99
61) 4-Chlorophenyl-phenyle...	15.980	204	653492	60.242	ng	98
62) 4-Nitroaniline	16.039	138	311101m	64.514	ng	
63) Azobenzene	16.274	77	1433344	60.628	ng	97
65) 4,6-Dinitro-2-methylph...	16.062	198	176576	62.122	ng	92
66) n-Nitrosodiphenylamine	16.197	169	1176035	61.254	ng	99
67) 4-Bromophenyl-phenylether	16.879	248	415798	62.853	ng	98
68) Hexachlorobenzene	16.967	284	467577	61.474	ng	98
69) Atrazine	17.131	200	392900	61.185	ng	99
70) Pentachlorophenol	17.319	266	323854	65.693	ng	97
71) Phenanthrene	17.743	178	1976108	59.798	ng	99
72) Anthracene	17.837	178	2026191	60.641	ng	100
73) Carbazole	18.107	167	1761569	60.633	ng	100
74) Di-n-butylphthalate	18.618	149	2183348	61.668	ng	99
75) Fluoranthene	19.734	202	2189370	59.894	ng	100
77) Benzidine	19.922	184	943494	71.206	ng	98
78) Pyrene	20.099	202	2271974	60.099	ng	98
80) Butylbenzylphthalate	20.962	149	934363	65.378	ng	100
81) Benzo(a)anthracene	22.002	228	2265449	60.738	ng	97
82) 3,3'-Dichlorobenzidine	21.914	252	804508	63.994	ng	93
83) Chrysene	22.073	228	2209028	60.996	ng	99
84) Bis(2-ethylhexyl)phtha...	21.844	149	1375723	65.168	ng	99
85) Di-n-octyl phthalate	23.177	149	2315090	66.596	ng	100
87) Indeno(1,2,3-cd)pyrene	29.711	276	2690528	63.807	ng	# 94
88) Benzo(b)fluoranthene	24.429	252	2129821	62.600	ng	100
89) Benzo(k)fluoranthene	24.511	252	2205144	61.694	ng	99
90) Benzo(a)pyrene	25.416	252	2109468	63.241	ng	99
91) Dibenzo(a,h)anthracene	29.805	278	2273152	63.444	ng	99
92) Benzo(g,h,i)perylene	31.027	276	2192569	63.237	ng	99

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

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