

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054252.D
 Acq On : 12 Jul 2022 12:04
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/13/2022
 Supervised By : Jagrut Upadhyay 07/13/2022

Quant Time: Jul 12 13:31:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 13:28:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	28501	20.000	ng	0.00
21) Naphthalene-d8	10.850	136	114901	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	94261	20.000	ng	0.00
64) Phenanthrene-d10	17.419	188	262846	20.000	ng	# 0.00
76) Chrysene-d12	21.690	240	310817	20.000	ng	0.00
86) Perylene-d12	24.933	264	331770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	57682	38.694	ng	0.00
7) Phenol-d6	7.207	99	81259	40.182	ng	0.00
23) Nitrobenzene-d5	9.205	82	83830	41.000	ng	0.00
42) 2,4,6-Tribromophenol	16.161	330	73720	48.677	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	259161	39.980	ng	0.00
79) Terphenyl-d14	20.027	244	622646	40.347	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.488	88	12300	18.875	ng	91
3) Pyridine	3.888	79	31364	18.036	ng	99
4) n-Nitrosodimethylamine	3.805	42	15684	20.505	ng	# 94
6) Aniline	7.366	93	47775	19.926	ng	97
8) 2-Chlorophenol	7.607	128	33013	20.741	ng	92
9) Benzaldehyde	7.178	77	25126	21.052	ng	83
10) Phenol	7.237	94	40363	19.695	ng	97
11) bis(2-Chloroethyl)ether	7.460	93	30329	19.280	ng	98
12) 1,3-Dichlorobenzene	7.936	146	38757	19.432	ng	92
13) 1,4-Dichlorobenzene	8.077	146	40122	20.026	ng	97
14) 1,2-Dichlorobenzene	8.400	146	38688	20.116	ng	94
15) Benzyl Alcohol	8.276	79	33810	22.369	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.564	45	41752	17.755	ng	94
17) 2-Methylphenol	8.488	107	28571	20.068	ng	97
18) Hexachloroethane	9.128	117	13580	20.433	ng	# 67
19) n-Nitroso-di-n-propyla...	8.846	70	28543	21.009	ng	96
20) 3+4-Methylphenols	8.817	107	41629	20.850	ng	97
22) Acetophenone	8.864	105	56016	20.056	ng	# 98
24) Nitrobenzene	9.246	77	41791	20.756	ng	94
25) Isophorone	9.769	82	78153	20.466	ng	# 93
26) 2-Nitrophenol	9.963	139	21064	23.686	ng	# 83
27) 2,4-Dimethylphenol	10.022	122	29065	20.192	ng	91
28) bis(2-Chloroethoxy)met...	10.251	93	39546	19.224	ng	94
29) 2,4-Dichlorophenol	10.503	162	42399	21.969	ng	88
30) 1,2,4-Trichlorobenzene	10.715	180	50148	20.986	ng	# 93
31) Naphthalene	10.903	128	113940	19.643	ng	98
32) Benzoic acid	10.168	122	10275m	20.654	ng	
33) 4-Chloroaniline	11.009	127	48646	20.215	ng	# 91
34) Hexachlorobutadiene	11.191	225	41516	22.597	ng	95
35) Caprolactam	11.767	113	12889	24.260	ng	# 74
36) 4-Chloro-3-methylphenol	12.137	107	40388	21.528	ng	# 87
37) 2-Methylnaphthalene	12.507	142	89758	20.915	ng	97
38) 1-Methylnaphthalene	12.724	142	87906	21.037	ng	97
40) 1,2,4,5-Tetrachloroben...	12.871	216	75357	20.747	ng	# 95
41) Hexachlorocyclopentadiene	12.853	237	14823	8.764	ng	99
43) 2,4,6-Trichlorophenol	13.112	196	43255	21.201	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.188	196	49129	21.566	ng	# 92
46) 1,1'-Biphenyl	13.506	154	127131	19.363	ng	97
47) 2-Chloronaphthalene	13.553	162	105726	19.897	ng	96
48) 2-Nitroaniline	13.752	65	30796	21.787	ng	90
49) Acenaphthylene	14.399	152	162247	19.636	ng	100
50) Dimethylphthalate	14.123	163	150047	20.901	ng	99
51) 2,6-Dinitrotoluene	14.240	165	33008	22.758	ng	# 76
52) Acenaphthene	14.740	154	96917	18.401	ng	99
53) 3-Nitroaniline	14.575	138	29507	20.999	ng	91
54) 2,4-Dinitrophenol	14.787	184	14738	22.345	ng	# 77
55) Dibenzofuran	15.069	168	173937	20.497	ng	95
56) 4-Nitrophenol	14.892	139	19326	19.372	ng	91
57) 2,4-Dinitrotoluene	15.033	165	48259	23.559	ng	# 84
58) Fluorene	15.721	166	144362	20.720	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.304	232	49987	22.438	ng	# 85
60) Diethylphthalate	15.480	149	148053	21.296	ng	96
61) 4-Chlorophenyl-phenyle...	15.703	204	89984	21.573	ng	# 88
62) 4-Nitroaniline	15.732	138	30399	20.744	ng	# 87
63) Azobenzene	16.003	77	110650	19.773	ng	87
65) 4,6-Dinitro-2-methylph...	15.803	198	30759	23.456	ng	76
66) n-Nitrosodiphenylamine	15.920	169	131613	19.213	ng	96
67) 4-Bromophenyl-phenylether	16.602	248	68505	20.868	ng	# 90
68) Hexachlorobenzene	16.731	284	78842	20.996	ng	# 90
69) Atrazine	16.866	200	59302	20.898	ng	94
70) Pentachlorophenol	17.072	266	29883	17.131	ng	94
71) Phenanthrene	17.460	178	261515	19.365	ng	99
72) Anthracene	17.554	178	254975	19.335	ng	97
73) Carbazole	17.818	167	218413	19.296	ng	98
74) Di-n-butylphthalate	18.371	149	259932	19.861	ng	98
75) Fluoranthene	19.469	202	361640	20.400	ng	97
77) Benzidine	19.646	184	107941	16.770	ng	98
78) Pyrene	19.834	202	365909	19.492	ng	98
80) Butylbenzylphthalate	20.709	149	117800	19.577	ng	87
81) Benzo(a)anthracene	21.673	228	395793	19.667	ng	99
82) 3,3'-Dichlorobenzidine	21.584	252	123747	20.581	ng	# 96
83) Chrysene	21.737	228	372047	19.395	ng	98
84) Bis(2-ethylhexyl)phtha...	21.573	149	164843	19.155	ng	# 95
85) Di-n-octyl phthalate	22.783	149	285717	19.316	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.641	276	492419	19.668	ng	# 97
88) Benzo(b)fluoranthene	23.899	252	391602	19.413	ng	# 98
89) Benzo(k)fluoranthene	23.970	252	388243	19.439	ng	# 99
90) Benzo(a)pyrene	24.781	252	336226	19.755	ng	99
91) Dibenzo(a,h)anthracene	28.700	278	407279	19.672	ng	# 96
92) Benzo(g,h,i)perylene	29.804	276	404493	19.797	ng	# 94

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

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