

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
 Data File : BG060559.D
 Acq On : 6 Feb 2024 17:16
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:20:34 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 07 01:12:45 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	48972	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	209975	20.000	ng	0.00
39) Acenaphthene-d10	14.983	164	135455	20.000	ng	0.00
64) Phenanthrene-d10	17.739	188	292965	20.000	ng	0.00
76) Chrysene-d12	22.086	240	275675	20.000	ng	0.00
86) Perylene-d12	25.688	264	309263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	382810	118.048	ng	0.00
7) Phenol-d6	7.462	99	530230	121.599	ng	0.00
23) Nitrobenzene-d5	9.554	82	495219	132.663	ng	0.00
42) 2,4,6-Tribromophenol	16.469	330	204319	128.685	ng	0.00
45) 2-Fluorobiphenyl	13.608	172	1200720	119.054	ng	0.00
79) Terphenyl-d14	20.324	244	1906609	118.240	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.690	88	63273	50.911	ng	97
3) Pyridine	4.107	79	184481	55.941	ng	99
4) n-Nitrosodimethylamine	4.031	42	109178	53.629	ng	100
6) Aniline	7.674	93	258521	63.183	ng	98
8) 2-Chlorophenol	7.897	128	204408	60.381	ng	96
9) Benzaldehyde	7.492	77	145315	54.284	ng	96
10) Phenol	7.486	94	266209	60.233	ng	96
11) bis(2-Chloroethyl)ether	7.768	93	211343	59.883	ng	99
12) 1,3-Dichlorobenzene	8.232	146	239107	59.352	ng	99
13) 1,4-Dichlorobenzene	8.385	146	245505	59.747	ng	97
14) 1,2-Dichlorobenzene	8.708	146	235551	59.356	ng	98
15) Benzyl Alcohol	8.590	79	189519	60.321	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.872	45	492620	60.094	ng	99
17) 2-Methylphenol	8.767	107	182089	60.306	ng	98
18) Hexachloroethane	9.437	117	91948	63.919	ng	97
19) n-Nitroso-di-n-propyla...	9.166	70	183986	62.577	ng	99
20) 3+4-Methylphenols	9.102	107	256723	63.298	ng	99
22) Acetophenone	9.196	105	346246	59.948	ng	# 95
24) Nitrobenzene	9.595	77	259922	67.456	ng	95
25) Isophorone	10.106	82	498042	61.415	ng	99
26) 2-Nitrophenol	10.300	139	90711	59.929	ng	95
27) 2,4-Dimethylphenol	10.324	122	162917	60.644	ng	96
28) bis(2-Chloroethoxy)met...	10.588	93	295626	61.134	ng	98
29) 2,4-Dichlorophenol	10.817	162	203250	62.937	ng	95
30) 1,2,4-Trichlorobenzene	11.041	180	239422	60.835	ng	99
31) Naphthalene	11.252	128	724872	60.681	ng	98
32) Benzoic acid	10.447	122	121786	60.868	ng	91
33) 4-Chloroaniline	11.364	127	269702	63.108	ng	100
34) Hexachlorobutadiene	11.481	225	166862	61.968	ng	94
35) Caprolactam	12.169	113	70411	64.086	ng	93
36) 4-Chloro-3-methylphenol	12.427	107	236123	63.264	ng	97
37) 2-Methylnaphthalene	12.833	142	495813	62.159	ng	99
38) 1-Methylnaphthalene	13.050	142	487614	62.006	ng	96
40) 1,2,4,5-Tetrachloroben...	13.173	216	269827	61.233	ng	98
41) Hexachlorocyclopentadiene	13.126	237	102325	67.247	ng	100
43) 2,4,6-Trichlorophenol	13.408	196	167713	63.889	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
 Data File : BG060559.D
 Acq On : 6 Feb 2024 17:16
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:20:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 01:12:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	186269	63.029	ng	97
46) 1,1'-Biphenyl	13.826	154	654704	60.039	ng	98
47) 2-Chloronaphthalene	13.873	162	528949	59.829	ng	98
48) 2-Nitroaniline	14.084	65	156171	61.443	ng	99
49) Acenaphthylene	14.713	152	761421	60.387	ng	99
50) Dimethylphthalate	14.437	163	626831	59.952	ng	99
51) 2,6-Dinitrotoluene	14.566	165	123595	60.582	ng	95
52) Acenaphthene	15.048	154	486558	59.713	ng	99
53) 3-Nitroaniline	14.907	138	122646	60.998	ng	92
54) 2,4-Dinitrophenol	15.095	184	43032	61.122	ng	88
55) Dibenzofuran	15.383	168	775953	60.805	ng	100
56) 4-Nitrophenol	15.165	139	108098	60.223	ng	99
57) 2,4-Dinitrotoluene	15.347	165	156722	60.222	ng	98
58) Fluorene	16.029	166	612603	60.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.582	232	159998	62.890	ng	98
60) Diethylphthalate	15.782	149	651137	60.866	ng	100
61) 4-Chlorophenyl-phenyle...	16.017	204	311647	60.172	ng	98
62) 4-Nitroaniline	16.070	138	133383	61.125	ng	98
63) Azobenzene	16.311	77	627068	60.167	ng	98
65) 4,6-Dinitro-2-methylph...	16.093	198	67264	61.392	ng	97
66) n-Nitrosodiphenylamine	16.234	169	539270	61.655	ng	100
67) 4-Bromophenyl-phenylether	16.916	248	201039	61.311	ng	99
68) Hexachlorobenzene	17.004	284	230459	61.988	ng	97
69) Atrazine	17.169	200	150761	55.332	ng	98
70) Pentachlorophenol	17.351	266	143129	66.268	ng	98
71) Phenanthrene	17.780	178	960530	60.602	ng	99
72) Anthracene	17.874	178	960376	60.844	ng	100
73) Carbazole	18.144	167	875783	60.024	ng	99
74) Di-n-butylphthalate	18.667	149	1088071	60.542	ng	99
75) Fluoranthene	19.777	202	1138572	59.330	ng	99
77) Benzidine	19.965	184	306940	75.865	ng	98
78) Pyrene	20.142	202	1197093	61.047	ng	99
80) Butylbenzylphthalate	21.017	149	466548	64.763	ng	99
81) Benzo(a)anthracene	22.063	228	1188153	60.668	ng	98
82) 3,3'-Dichlorobenzidine	21.975	252	403752	62.402	ng	97
83) Chrysene	22.139	228	1141787	60.826	ng	99
84) Bis(2-ethylhexyl)phtha...	21.922	149	697905	62.800	ng	99
85) Di-n-octyl phthalate	23.285	149	1196690	64.284	ng	98
87) Indeno(1,2,3-cd)pyrene	29.895	276	1415892m	62.804	ng	
88) Benzo(b)fluoranthene	24.531	252	1238332	61.889	ng	96
89) Benzo(k)fluoranthene	24.613	252	1185668	61.584	ng	100
90) Benzo(a)pyrene	25.524	252	1092900	62.353	ng	99
91) Dibenzo(a,h)anthracene	29.995	278	1176319	63.225	ng	98
92) Benzo(g,h,i)perylene	31.235	276	1172887	63.017	ng	98

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

