

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
 Data File : BG060178.D
 Acq On : 29 Dec 2023 13:15
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024

Quant Time: Dec 30 03:00:24 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 02:56:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	198763	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	851710	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	591980	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1502837	20.000	ng	0.00
76) Chrysene-d12	21.596	240	1391592	20.000	ng	0.00
86) Perylene-d12	24.775	264	1524306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	250511	19.023	ng	0.00
7) Phenol-d6	7.101	99	383898	19.634	ng	0.00
23) Nitrobenzene-d5	9.099	82	345205	18.721	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	157795	19.913	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	925003	22.457	ng	0.00
79) Terphenyl-d14	19.945	244	1679310	23.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.418	88	60980	10.408	ng	95
3) Pyridine	3.817	79	156091m	9.403	ng	
4) n-Nitrosodimethylamine	3.735	42	57036	9.229	ng	# 90
6) Aniline	7.266	93	184207	9.403	ng	97
8) 2-Chlorophenol	7.501	128	123042	9.722	ng	92
9) Benzaldehyde	7.078	77	129277m	11.020	ng	
10) Phenol	7.131	94	188190	9.544	ng	92
11) bis(2-Chloroethyl)ether	7.360	93	162222	10.167	ng	94
12) 1,3-Dichlorobenzene	7.830	146	161429	10.333	ng	98
13) 1,4-Dichlorobenzene	7.977	146	162151	10.266	ng	99
14) 1,2-Dichlorobenzene	8.294	146	165168	10.697	ng	97
15) Benzyl Alcohol	8.177	79	112793	9.322	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.465	45	214237	10.462	ng	96
17) 2-Methylphenol	8.382	107	122504	9.922	ng	94
18) Hexachloroethane	9.029	117	49199	9.890	ng	# 83
19) n-Nitroso-di-n-propyla...	8.741	70	134759	10.089	ng	94
20) 3+4-Methylphenols	8.705	107	173810	9.933	ng	98
22) Acetophenone	8.758	105	243157	9.636	ng	# 96
24) Nitrobenzene	9.146	77	174127	9.230	ng	97
25) Isophorone	9.663	82	378587	9.813	ng	97
26) 2-Nitrophenol	9.851	139	57259	8.698	ng	97
27) 2,4-Dimethylphenol	9.910	122	85989	9.221	ng	91
28) bis(2-Chloroethoxy)met...	10.151	93	219336	9.707	ng	95
29) 2,4-Dichlorophenol	10.392	162	137294	9.316	ng	93
30) 1,2,4-Trichlorobenzene	10.609	180	179514	10.007	ng	98
31) Naphthalene	10.797	128	454439	10.107	ng	99
32) Benzoic acid	10.022	122	16658m	11.679	ng	
33) 4-Chloroaniline	10.903	127	162182	9.236	ng	97
34) Hexachlorobutadiene	11.079	225	105214	9.862	ng	92
35) Caprolactam	11.649	113	44344m	9.045	ng	
36) 4-Chloro-3-methylphenol	12.025	107	130693	8.617	ng	98
37) 2-Methylnaphthalene	12.401	142	291964	8.989	ng	94
38) 1-Methylnaphthalene	12.624	142	300377	9.147	ng	98
40) 1,2,4,5-Tetrachloroben...	12.771	216	187973	9.913	ng	99
41) Hexachlorocyclopentadiene	12.748	237	51713	8.437	ng	98
43) 2,4,6-Trichlorophenol	13.012	196	115088	9.236	ng	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
 Data File : BG060178.D
 Acq On : 29 Dec 2023 13:15
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024

Quant Time: Dec 30 03:00:24 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 02:56:50 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	125635	9.013	ng	98
46) 1,1'-Biphenyl	13.412	154	445363	10.225	ng	97
47) 2-Chloronaphthalene	13.453	162	375894	10.130	ng	97
48) 2-Nitroaniline	13.658	65	82696	8.528	ng	95
49) Acenaphthylene	14.299	152	545918	10.211	ng	98
50) Dimethylphthalate	14.029	163	464641	10.166	ng	99
51) 2,6-Dinitrotoluene	14.152	165	86122	9.059	ng	96
52) Acenaphthene	14.640	154	339966	10.190	ng	98
53) 3-Nitroaniline	14.481	138	76667	8.559	ng	89
54) 2,4-Dinitrophenol	14.687	184	23307	12.013	ng	# 90
55) Dibenzofuran	14.975	168	591368	10.582	ng	97
56) 4-Nitrophenol	14.787	139	54837	8.099	ng	94
57) 2,4-Dinitrotoluene	14.933	165	115413	8.928	ng	96
58) Fluorene	15.627	166	491343	10.720	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.198	232	117317	9.656	ng	# 96
60) Diethylphthalate	15.392	149	447710	10.272	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	246320	10.321	ng	99
62) 4-Nitroaniline	15.644	138	85275	9.030	ng	92
63) Azobenzene	15.915	77	470688	10.416	ng	98
65) 4,6-Dinitro-2-methylph...	15.697	198	52699	7.008	ng	93
66) n-Nitrosodiphenylamine	15.832	169	404793	9.996	ng	96
67) 4-Bromophenyl-phenylether	16.514	248	153666	9.644	ng	93
68) Hexachlorobenzene	16.626	284	185053	9.906	ng	96
69) Atrazine	16.778	200	147533	9.912	ng	99
70) Pentachlorophenol	16.978	266	85218m	8.330	ng	
71) Phenanthrene	17.366	178	807021	10.864	ng	94
72) Anthracene	17.460	178	793256	10.751	ng	96
73) Carbazole	17.730	167	757853	10.829	ng	94
74) Di-n-butylphthalate	18.288	149	704081	10.382	ng	97
75) Fluoranthene	19.381	202	998921	11.464	ng	91
77) Benzidine	19.569	184	367312	9.537	ng	96
78) Pyrene	19.745	202	1068853	11.426	ng	91
80) Butylbenzylphthalate	20.633	149	236545	8.576	ng	99
81) Benzo(a)anthracene	21.573	228	952409	10.764	ng	93
82) 3,3'-Dichlorobenzidine	21.490	252	310579	9.653	ng	99
83) Chrysene	21.637	228	929967	10.819	ng	94
84) Bis(2-ethylhexyl)phtha...	21.485	149	375800	8.984	ng	99
85) Di-n-octyl phthalate	22.683	149	609421	8.901	ng	99
87) Indeno(1,2,3-cd)pyrene	28.382	276	1043054	9.706	ng	100
88) Benzo(b)fluoranthene	23.758	252	915218	9.991	ng	98
89) Benzo(k)fluoranthene	23.823	252	931108	10.099	ng	97
90) Benzo(a)pyrene	24.616	252	817150	9.860	ng	96
91) Dibenzo(a,h)anthracene	28.453	278	868998	9.841	ng	98
92) Benzo(g,h,i)perylene	29.516	276	886281	9.909	ng	96

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

