

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057672.D
 Acq On : 8 Jun 2023 15:12
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:41:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 00:28:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	7024	20.000	ng	0.00
21) Naphthalene-d8	11.152	136	25167	20.000	ng	# 0.00
39) Acenaphthene-d10	14.936	164	17140	20.000	ng	0.00
64) Phenanthrene-d10	17.674	188	38696	20.000	ng	0.00
76) Chrysene-d12	21.975	240	34463	20.000	ng	0.00
86) Perylene-d12	25.429	264	41045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	61646	182.384	ng	0.00
7) Phenol-d6	7.468	99	86188	155.060	ng	0.00
23) Nitrobenzene-d5	9.501	82	86900	153.073	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	44361	176.230	ng	0.00
45) 2-Fluorobiphenyl	13.561	172	190598	149.234	ng	0.00
79) Terphenyl-d14	20.241	244	308936	154.255	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.625	88	12053	56.362	ng	# 90
3) Pyridine	4.048	79	35407m	78.584	ng	
4) n-Nitrosodimethylamine	3.960	42	29895	88.889	ng	# 73
6) Aniline	7.633	93	52711	73.015	ng	93
8) 2-Chlorophenol	7.879	128	30965	73.262	ng	96
9) Benzaldehyde	7.445	77	21086	65.338	ng	92
10) Phenol	7.492	94	40365	75.566	ng	# 77
11) bis(2-Chloroethyl)ether	7.721	93	28821	68.838	ng	99
12) 1,3-Dichlorobenzene	8.202	146	33312	74.211	ng	90
13) 1,4-Dichlorobenzene	8.349	146	33655	70.921	ng	97
14) 1,2-Dichlorobenzene	8.678	146	32100	70.406	ng	95
15) Benzyl Alcohol	8.555	79	35363	78.161	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.837	45	56942m	65.467	ng	
17) 2-Methylphenol	8.761	107	29667	71.305	ng	# 88
18) Hexachloroethane	9.407	117	13089	72.917	ng	88
19) n-Nitroso-di-n-propyla...	9.125	70	27674	70.389	ng	# 80
20) 3+4-Methylphenols	9.090	107	40050	70.181	ng	92
22) Acetophenone	9.148	105	53315	75.889	ng	# 90
24) Nitrobenzene	9.542	77	43664	78.752	ng	96
25) Isophorone	10.059	82	77233	77.800	ng	# 97
26) 2-Nitrophenol	10.259	139	18843	83.460	ng	# 82
27) 2,4-Dimethylphenol	10.300	122	32791	79.454	ng	96
28) bis(2-Chloroethoxy)met...	10.529	93	38877	74.430	ng	98
29) 2,4-Dichlorophenol	10.799	162	31282	83.056	ng	97
30) 1,2,4-Trichlorobenzene	11.011	180	35438	78.069	ng	93
31) Naphthalene	11.205	128	101514	74.189	ng	98
32) Benzoic acid	10.494	122	15088m	74.670	ng	
33) 4-Chloroaniline	11.311	127	44295	74.380	ng	95
34) Hexachlorobutadiene	11.469	225	26108	83.584	ng	98
35) Caprolactam	12.104	113	9684m	82.962	ng	
36) 4-Chloro-3-methylphenol	12.415	107	38639	85.812	ng	96
37) 2-Methylnaphthalene	12.785	142	76261	81.537	ng	95
38) 1-Methylnaphthalene	13.003	142	71090	81.519	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.144	216	43523	78.764	ng	98
41) Hexachlorocyclopentadiene	13.114	237	13049	79.203	ng	95
43) 2,4,6-Trichlorophenol	13.385	196	28045	82.913	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057672.D
 Acq On : 8 Jun 2023 15:12
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:41:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 00:28:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.467	196	31929	80.788	ng	93
46) 1,1'-Biphenyl	13.772	154	94563	74.567	ng	94
47) 2-Chloronaphthalene	13.825	162	69986	74.280	ng	97
48) 2-Nitroaniline	14.025	65	30658	79.616	ng	92
49) Acenaphthylene	14.660	152	117539	73.965	ng	99
50) Dimethylphthalate	14.378	163	100186	76.347	ng	96
51) 2,6-Dinitrotoluene	14.507	165	21208	75.718	ng	# 73
52) Acenaphthene	15.000	154	69992	74.775	ng	95
53) 3-Nitroaniline	14.848	138	22223	77.648	ng	95
54) 2,4-Dinitrophenol	15.065	184	11031	103.744	ng	# 74
55) Dibenzofuran	15.329	168	120266	79.006	ng	97
56) 4-Nitrophenol	15.159	139	13929	85.505	ng	# 72
57) 2,4-Dinitrotoluene	15.300	165	30724	80.598	ng	# 74
58) Fluorene	15.976	166	96682	78.860	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.559	232	28211	88.191	ng	96
60) Diethylphthalate	15.717	149	102929	78.228	ng	99
61) 4-Chlorophenyl-phenyle...	15.952	204	55400	80.611	ng	97
62) 4-Nitroaniline	16.011	138	22562	79.891	ng	# 50
63) Azobenzene	16.246	77	100436	77.442	ng	85
65) 4,6-Dinitro-2-methylph...	16.064	198	19543	80.406	ng	94
66) n-Nitrosodiphenylamine	16.170	169	84455	65.755	ng	97
67) 4-Bromophenyl-phenylether	16.845	248	36319	74.858	ng	98
68) Hexachlorobenzene	16.980	284	37539	80.979	ng	98
69) Atrazine	17.104	200	31006	76.567	ng	96
70) Pentachlorophenol	17.327	266	17784	82.836	ng	91
71) Phenanthrene	17.715	178	150272	74.124	ng	98
72) Anthracene	17.809	178	156079	74.341	ng	99
73) Carbazole	18.073	167	137256	70.678	ng	99
74) Di-n-butylphthalate	18.584	149	168495	64.466	ng	# 96
75) Fluoranthene	19.707	202	185753	79.776	ng	99
77) Benzidine	19.871	184	64892	74.312	ng	98
78) Pyrene	20.065	202	185988	74.582	ng	98
80) Butylbenzylphthalate	20.911	149	73833	81.256	ng	96
81) Benzo(a)anthracene	21.951	228	190085	78.288	ng	98
82) 3,3'-Dichlorobenzidine	21.845	252	66259	77.006	ng	98
83) Chrysene	22.022	228	177066	77.108	ng	97
84) Bis(2-ethylhexyl)phtha...	21.787	149	105868	77.758	ng	# 96
85) Di-n-octyl phthalate	23.067	149	179529	76.364	ng	99
87) Indeno(1,2,3-cd)pyrene	29.454	276	222531	80.829	ng	98
88) Benzo(b)fluoranthene	24.325	252	190010	78.817	ng	97
89) Benzo(k)fluoranthene	24.401	252	189942	77.543	ng	98
90) Benzo(a)pyrene	25.271	252	184201	78.602	ng	98
91) Dibenzo(a,h)anthracene	29.507	278	185148	80.459	ng	98
92) Benzo(g,h,i)perylene	30.723	276	178422	79.377	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057672.D
 Acq On : 8 Jun 2023 15:12
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:41:45 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 09 00:28:39 2023

Response via : Initial Calibration

